DOCUMENT RESUME

ED 340 324 HE 025 178

AUTHOR	Zikopoulos, Marianthi, Ed.; And Others
TITLE	Open Doors 1990/91: Report on International Educational Exchange.
INSTITUTION	Institute of International Education, New York, N.Y.
SPONS AGENCY	United States Information Agency, Washington, D. C.on
REPORT NO	ISBN-87206-190-6; ISSN-0078-5172
PUB DATE	91
NOTE	219p.
AVAILABLE FROM	Communications Division, Institute of International Education, 809 United Nations Plaza, New York, NY 10017-3580 ($39.95).
PUB TYPE	Statistical Data (110) -- Reports - General (140)
EDRS PRICE	MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS	Colleges; College Students; Comparative Analysis; *Enrollment; Foreign Countries; *Foreign Students; Geographic Distribution; Geographic Regions; Higher Education; International Educational Exchange; Marital Status; Research; Sex; Statistics; *Student Characteristics; Student Financial Aid; *Student Mobility; *Study Abroad; Units of Study; Universities

ABSTRACT

This six-part report presents statistical data on worldwide trends in student mobility and migration, national origin, sources of financial support, fields of study, enrollments, and rates of growth. Part I explores the nature of student migration worldwide and presents data on the overall numbers of students going abroad and the extent to which these flows vary over time. Part II presents results of research on the foreign student population in the United States, including population distributions by geographic areas, fields of study, and total numbers of students from originating countries and regions. Part III presents separate profiles of foreign undergraduate and graduate students, examines the geographic origins of students at each level, and analyzes other characteristics of graduate and undergraduate students, such as their primary funding source, gender, marital and enrollment status, and immigration status or visa type. Part IV presents survey findings of the number of non-immigrant foreign students enrolled in intensive English language programs. Part V provides statistical data on student mobility from the United States to other countries, and Part VI presents estimated cost-of-living expenditures by foreign students in the United States. Appendices include more detailed data on annual censuses of foreign students, and intensive English language enrollment. (GLR)

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REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

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REPORT ON INTERNATIONAL EDUCATIONAL EXCHANGE

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The Institute of International Education gratefully acknowledges special grant support from the United States Information Agency for the implementation of the Annual Census of Foreign Students and the Study Abroad Survey and for the production of *Open Doors*. It also acknowledges the invaluable assistance of the members of the American Association of Collegiate Registrars and Admissions Officers (AACRAO) and of NAFSA: Association of International Educators in obtaining the data.

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ISBN: 87206-190-6, ISSN: 0078-5172
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Printed in the United States.

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ACKNOWLEDGEMENTS

- To the thousands of men and women of NAFSA: Association of International Educators and the American Association of Collegiate Registrars and Admission Officers (AACRAO), whose cooperation in the collection of these statistics is voluntarily given, whose professionalism and interest is always evident, and whose constructive advice and criticism are greatly appreciated;

- to NAFSA and AACRAO regional chairs, for encouraging campus officials to respond to the survey thus substantially increasing the response rate;

- to the Bureau of Educational and Cultural Affairs of the United States Information Agency, and in particular Adeline C. O'Connell and Barry Ballow, past and present Chiefs, and Sheldon Austin, former Senior Program Officer, Advising, Teaching, and Specialized Programs Division, whose ongoing support made possible the collection, analysis, and publication of the data;

- to John F. Reichard, Executive Vice President of NAFSA, and his Washington staff, for tireless efforts on behalf of the IEDC;

- to Peggy Blumenthal, Vice President, Educational Services, IIE, for her intelligent and gentle guidance;

- to our colleagues at IIE in New York and in the regional offices, who assisted both in data collection and in the production of this book;

- to Gerald Bowker and Charles W. McKinney, past and present presidents of AACRAO; Richard M. Krasno, president of IIE; Martin Limbird and Richard Reiff, past and present presidents of NAFSA: Association of International Educators for their strong support and encouragement;

- to these and the many other people who assisted in the preparation of this publication, we express our gratitude.

DEFINITIONS IN USE THROUGHOUT THIS BOOK

Foreign Student. A foreign student is defined as anyone who is enrolled in courses at institutions of higher education in the United States who is not a citizen or an immigrant (permanent resident). Persons with refugee status are included.

F Visa. A student visa granted to bona fide students who satisfy requirements for pursuing a full program of study at a United States academic institution which admits foreign students; who enter the United States for a temporary stay and solely to study; and who have permanent residence in foreign countries that they have no intention of abandoning.

H Visa. A temporary visa, given to persons of extraordinary ability, workers of distinguished merit and ability, to workers performing services unavailable in the United States, and to some trainees.

J Visa. A temporary exchange-visitor visa granted by the United States for a variety of educational purposes, to students, trainees, teachers, professors, research scholars, international visitors, or professional trainees who are sponsored by an agency or organization approved for sponsorship by the Secretary of State for Exchange Visitors.

M Visa. Issued to students enrolled in a vocational training course (other than English language training) in the United States.

Higher Education. In respect to the United States, "higher education" is used to describe the group of colleges and universities which are accredited by agencies recognized by the Secretary of Education and listed in the *The HEP 1991 Higher Education Directory*, Higher Educations Publications, Inc., Falls Church,VA, ISBN 0-914927-14-0 is used as the reference.

Fields of Study. The fields of study used in this book are those from *A Classification of Instructional Programs*, published by the U.S. Department of Education, Center for Education Statistics (CES). See *Appendix D.1* for a complete list of fields and subfields.

World Regions. Seven world regions, and the subregions, countries, territories, and other places of origin within each region, appear in *Appendix D.2*.

GUIDELINES FOR THE RELEASE OF CENSUS DATA

Reports based on Census data are available to individuals, agencies, or corporations for clearly identified purposes of scholarly research, public information, or recruitment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their study in the United States and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a by product of the Census will not be released in any case without the student's prior consent.

The Institute of International Education reserves the right to request that the proposed use of data be documented and to withhold data when the request is not deemed to be for appropriate scholarly, public information, or recruitment purposes.

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HIGHLIGHTS OF OPEN DOORS: 1990/91

Survey Totals

	1989/90		1990/91		
	Without Refugees	Total	Without Refugees	Total	Total % Change
Annual Census of Foreign Students	377,591	**386,851**	399,259	**407,529**	**5.3**
Intensive English Language Survey	32,348	**35,036**	33,190	**34,703**	**-1.0**

Part II: The Annual Census of Foreign Students in the United States

Foreign Students by World Region of Origin (Chapter 2)

	1989/90		1990/91		
World Region	**%**	**Number**	**%**	**Number**	**% Change**
Asia	53.8	208,110	56.4	229,830	10.4
Europe	11.9	46,040	12.2	49,640	7.8
Latin America	12.4	48,090	11.8	47,580	-1.1
Middle East	9.7	37,330	8.1	33,420	-10.5
Africa	6.4	24,570	5.9	23,800	-3.1
North America	4.8	18,590	4.6	18,950	1.9
Oceania	1.0	4,010	1.0	4,230	5.5

Leading Countries or Other Places of Origin (Chapter 2)

	1989/90		1990/91		
Locality	**%**	**Number**	**%**	**Number**	**% Change**
China	8.6	33,390	9.7	39,600	18.6
Japan	7.7	29,840	9.0	36,610	22.7
Taiwan	8.0	30,960	8.2	33,530	8.3
India	6.8	26,240	7.1	28,860	10.0
Korea, Republic of	5.6	21,710	5.7	23,360	7.6
Canada	4.6	17,870	4.5	18,350	2.7
Malaysia	3.6	14,110	3.3	13,610	-3.5
Hong Kong	2.9	11,230	3.1	12,630	12.5
Indonesia	2.4	9,390	2.3	9,520	1.4
Pakistan	1.8	7,070	1.9	7,730	9.3

Foreign Students by Field of Study (Chapter 3)

	1989/90		1990/91		
Field of Study	**%**	**Number**	**%**	**Number**	**% Change**
Business & Managmt	19.5	75,570	19.5	79,670	5.4
Engineering	19.0	73,420	18.0	73,620	0.3
Math & Computer Sci.	9.4	36,210	9.0	36,840	1.7
Physical & Life Scies.	8.5	32,910	8.7	35,280	7.2
Social Sciences	7.4	28,580	7.6	30,810	7.8
Fine & Applied Arts	4.5	17,450	4.7	19,040	9.1
Health Sciences	4.0	15,350	4.1	16,560	7.9
Humanities	3.9	15,230	3.9	15,840	4.0
Education	2.9	11,210	3.0	12,280	9.5
Agriculture	2.1	8,310	2.0	8,080	-2.8

Foreign Students by Academic Level (Chapter 3)

	1989/90		1990/91		
Academic Level	**%**	**Number**	**%**	**Number**	**% Change**
Graduate	43.9	169,820	44.7	182,130	7.2
Bachelor's	35.5	137,560	34.6	140,990	2.5
Associate	12.2	47,030	12.0	48,910	4.0
Intensive Engl. Lang.[1]	4.4	17,180	4.3	17,590	2.4
Nondegree	2.0	7,550	2.2	9,140	21.1
Pratical Training	2.0	7,710	2.2	8,770	13.7

[1] Only IELP students reported in the Census are included in these figures.

Foreign Students by Primary Source of Funds (Chapter 4)

	1989/90		1990/91		
Source of Funds	**%**	**Number**	**%**	**Number**	**% Change**
Personal & Family	63.7	246,250	64.3	262,040	6.4
U.S. College/Univ.	18.2	70,310	18.8	76,450	8.7
Home Govnment/Univ.	6.7	25,910	5.8	23,570	-9.0
U.S. Private Sponsor	3.1	11,750	3.4	14,060	19.7
Current Employment	2.1	8,260	2.3	9,510	15.1
Foreign Privt. Sponsor	2.2	8,550	2.3	9,190	7.5
U.S. Government	2.2	8,700	1.9	7,860	-9.7
International Organztn.	0.6	2,460	0.6	2,320	-5.7
Other	1.2	4,660	0.6	2,530	-45.7

States With the Most Foreign Students (Chapter 5)

	1989/90		1990/91		
State	**%**	**Number**	**%**	**Number**	**% Change**
California	14.0	54,178	13.5	55,168	1.8
New York	9.9	38,350	10.0	40,558	5.8
Texas	6.2	24,170	6.4	26,205	8.4
Massachusetts	5.4	20,840	5.5	22,320	7.1
Florida	5.3	20,364	5.1	20,700	1.6
Illinois	4.3	16,816	4.4	17,771	5.7
Pennsylvania	4.1	15,803	4.3	17,571	11.2
Ohio	3.6	13,856	3.6	14,798	6.8
Michigan	3.5	13,555	3.5	14,366	6.0
New Jersey	2.5	9,608	2.4	9,889	2.9

continued on next page

Institutions With the Most Foreign Students (Chapter 8)

Institution	1989/90	1990/91	% Change
Miami-Dade Community College	5,518	5,757	4.3
University of Southern California	3,705	3,886	4.9
University of Texas, Austin	3,568	3,867	8.4
Boston University	3,248	3,633	11.9
University of Wisconsin, Madison	3,295	3,565	8.2
University of Pennsylvania	2,778	3,122	12.4
Columbia University	2,849	3,077	8.0
Ohio State University, Main Campus	2,887	3,021	4.6
University of Illinois at Urbana-Champaign	2,794	2,967	6.2
University of California, Los Angeles	3,126	2,921	-6.6

Part III: Foreign Students by Academic Level

World Region and Subregion of Origin of Foreign Students By Academic Level (Part III)

World Region/ Subregion	Under-graduate	Graduate	Other
Africa	7.0%	5.3%	3.6%
North Africa	0.9	1.4	0.9
Sub-Saharan Africa	6.1	3.9	2.7
Asia	46.6	65.6	61.9
East Asia	26.6	44.1	45.6
South & Central Asia	6.8	14.9	6.3
Southeast Asia	13.2	6.6	10.0
Europe	12.7	10.8	15.7
Eastern Europe	1.1	1.2	1.9
Western Europe	11.6	9.6	13.8
Latin America	16.8	6.9	8.8
Caribbean	5.4	1.0	0.9
Central America	6.1	2.0	2.9
South America	5.3	3.9	5.0
Middle East	10.0	6.5	7.1
North America	6.0	4.1	1.5
Oceania	1.4	0.7	0.4

Part IV: Foreign Students in IELP's

Leading Places of Origin of IELP Students (Part IV)

	1989/90		1990/91		
Locality	%	Number	%	Number	% Change
Japan	33.4	11,699	30.4	10,545	-9.9
Korea, Rep. of	7.5	2,633	11.6	4,011	52.3
Taiwan	3.9	1,369	7.1	2,470	80.4
Mexico	5.2	1,810	4.4	1,536	-15.1
China	4.5	1,562	3.6	1,254	-19.7
Thailand	2.8	989	3.3	1,157	17.0
Indonesia	2.3	789	2.5	884	12.0
Colombia	2.2	766	2.2	752	-1.8
Venezuela	1.5	531	1.9	668	25.8
Turkey	1.6	574	1.8	639	11.3

Institutions With the Most IELP Students, Fall 1990 (Part IV)

Institution	Number
Miami-Dade Community College/ESL, FL	1,365
Hunter College/International English Language Institute, NY	918
Harold Washington College/ESL, IL	872
Hawaii Pacific College/English Foundations Program, HI	724
Boston University/Center for English Language, MA	579
University of Southern California/American Lang. Institute, CA	570
Queens College/English Language Institute, NY	473
San Diego State University/American Language Institute, CA	416
Brigham Young University/English Language Institute, HI	382
Univ of California, Riverside/Intensive English Program, CA	380

Host Regions of U.S. Study Abroad Students (Part V)

	% of Study Abroad Students	
Host Region	1987/88	1989/90
Africa	1.2%	1.3%
Asia	6.1	5.0
Europe	75.4	76.7
Latin America	9.2	9.4
Middle East	4.7	2.7
North America	1.4	0.8
Oceania	1.2	1.9
Multiple Regions	0.8	2.2

Leading Host Countries of U.S. Study Abroad Students (Part V)

	% of Study Abroad Students	
Host Country	1987/88	1989/90
United Kingdom	28.5%	27.0%
France	12.0	12.8
Spain	7.9	10.4
Italy	7.7	8.4
Mexico	5.3	5.0
Germany	5.0	4.7
Austria	3.1	3.0
Israel	3.5	2.6
Japan	2.2	2.1
U.S.S.R.	1.3	1.9

MAJOR TRENDS

Part I: Foreign Study Worldwide. The United States had by far the highest foreign student enrollments in the world in 1988, hosting nearly one-third of the nearly 1,130,000 students worldwide who were studying abroad, according to Unesco statistics. France was a distant second, receiving 125,600 of all study abroad students, followed by the Federal Republic of Germany, with 115,300, and the United Kingdom, with 91,900.

Asia was the region of origin of the largest group of students who went abroad to obtain higher education (32%). Europe supplied 21%, Africa 19%, the Middle East 16%, and Latin America 7% of all study abroad students.

CHAPTER 1: Overview. The number of foreign students at U.S. colleges and universities reached an all-time high of 407,529 in the 1990/91 academic year, 5.3% more than in 1989/90. Foreign student enrollments grew by over 10% in the last two years, following a leveling off during most of the eighties.

CHAPTER 2: Geographic Origin. The number of Asians went up 10% last year, reaching a high of 229,800. Asians accounted for 56% of the entire foreign student population. Nine of the top ten places of origin of foreign students in the United States were in Asia. China led all countries, with 39,600 students, followed by Japan (36,600), Taiwan (33,500), India (28,900), and Korea (23,400). These five places of origin were home to 40% of all foreign students.

Chinese enrollments went up almost 19% last year, despite restrictions instituted by China in 1989 on degree study abroad. Japanese student numbers rose almost 23%, the highest percentage increase among major sending countries.

There were also substantial increases in the number of students from Europe and Oceania. Europe became the home region of the second largest group of foreign students (49,600), surpassing Latin America (47,580). Enrollments from Eastern Europe grew 42% to 4,800 from the previous year's 3,400, while Western European numbers rose by 5%. Flows from Latin America, Africa, and the Middle East fell further in 1990/91.

CHAPTER 3: Academic Characteristics. For the second consecutive year, business and management was the most popular field of study of international students, enrolling 79,700 of them, up 5% from the previous year. Enrollments in engineering, which fell to second place in the past two years, remained almost flat at 73,600. Other popular fields of study were math and computer science (36,800) and physical and life sciences (35,300).

The number of foreign graduate students increased 7% to 182,100 last year, with over one-third (65,600) pursuing doctorate degrees. The growth in graduate study is explained by the fact that large percentages of students from the major Asian sending places were graduate students. The number of foreign undergraduates was slightly higher (189,900); of these, 48,900 studied for a two-year associate degree and 141,000 worked for a bachelor's degree.

CHAPTER 4: Personal Characteristics. The number of female foreign students increase to 146,800 last year, 12% more over the previous year. Females made up a record 36% of the entire foreign student population.

As in the past, most foreign students (64%) received most of their funding from personal and family sources. The second largest source of support were the U.S. institutions the students attended, providing primary funding to 19% of the foreign students.

CHAPTER 5: Distribution by U.S. Region and State. The Northeast hosted more foreign students than any other U.S. region (100,400), followed by the Midwest, with 92,900. The South had 84,000 international students, the Pacific 74,100, the Southwest 40,800, and the Mountain states 13,800. The leading states continued to be California (55,100), New York (40,600), and Texas (26,200). Nearly 60% of all foreign students were concentrated in the top 10 states.

CHAPTER 6: Distribution in Two- and Four-Year Institutions. The overwhelming majority of international students (86%) attended four-year institutions in 1990/91. However, enrollment in two-year community and junior colleges grew to 57,700, up 10% from the previous year's 52,400. California and Florida were the two states with the highest proportion of community college students (26% and 16% of their total foreign student enrollments, respectively). Miami-Dade Community College was the two-year institution with the highest foreign student enrollment (5,757) and the University of Southern California topped the list of four-year

institutions with 3,886 foreign students. (Next year, when refugees will not be included in Open Doors data, Miami-Dade will no longer be the number one school).

CHAPTER 7: Distribution in Public and Private Institutions. Foreign students were more likely to attend private institutions than all higher education students in the United States: 34% of the foreign students, but only 20% of U.S. students, enrolled in such schools. Relatively large proportions of foreign students were in private institutions in the District of Columbia (87%), in Massachusetts (81%), in New Hampshire (80%), and Vermont (70%).

CHAPTER 8: Institutions with the Most Foreign Students. Over 100 institutions (103) had more than 1,000 international students. Combined, they enrolled a total of 184,700 foreign students, 45% of the foreign student total. The institutions with the highest numbers of international students were Miami-Dade Community College, with 5,757 (3,539 of whom are refugees); the University of Southern California, with 3,886; the University of Texas at Austin, with 3,867; Boston University, with 3,633; and the University of Wisconsin-Madison, with 3,565. Schools with the highest proportions of foreign students are the New Jersey Institute of Technology and the Massachusetts Institute of Technology, each with 22%.

Part III: Foreign Students by Academic Level. In 1990/91 two-thirds (66%) of foreign graduate students studying in the United States were from Asia. Europeans made up the second largest group, accounting for 11%. By far the most popular field of foreign graduates was engineering, chosen by 23%. Other popular fields were business and management, with 15% of these students and physical and life sciences, with 14%. Most of the foreign graduate students received primary funding for their studies either from personal and family sources (44%) or from the U.S. institution they attended (39%).

Close to half of the foreign undergraduates (47%) were from Asia, 17% were from Latin America, 13% were from Europe, and 10% were from the Middle East. Africans made up 7% of them and North Americans 6%. The most frequently selected field of study by foreign undergraduates was business and management (27%), engineering being a distant second, with 15%. The vast majority of foreign students at the undergraduate level (80%) studied with personal or family funds, home government or university subsidizing an additional 5%.

PART IV: Intensive English Language Programs. A total of 34,700 students were reported as being enrolled in Intensive English Language Programs in 1990/91, a 1.0% decrease over the previous year (most likely a reflection of non-response by some programs with high foreign enrollments). Programs with the largest number of foreign students were Miami-Dade Community College (1,400), Hunter College-International English Language Institute (900), and Harold Washington College/ESL (900). Florida, New York, and Illinois had the most IELP students. The largest number of IELP students came from Asia (22,000); Japan was home to the largest group of IELP students, 10,500.

PART V: Study Abroad. A record 70,700 Americans studied abroad for academic credit in 1989/90, up 14% from 1987/88. Of those, 77% went to Europe, 9% to Latin America, 5% to Asia, 3% to the Middle East, and 1% to Africa. The United Kingdom received the largest number of U.S. students abroad (27% of the total), followed by France, with 13%, and Spain, with 10%. The overwhelming majority of study abroad students were either pursuing bachelor's degrees (87%) or associate degrees (4%) and most of them (65%) were female.

PART VI: Cost-of-living Expenditures by Foreign Students in the United States. Foreign students will spend an estimated $3,080,919,240 in 1991/92, according to calculations based on 1990/91 foreign student enrollments and a Monthly Maintenance Rate of $840. This figure includes expenditures for room and board, but not for tuition, fees, books, insurance, special equipment, travel, or dependents.

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Part I: FOREIGN STUDY WORLDWIDE

INTRODUCTION

Student mobility is a worldwide phenomenon. Many nations attract students from other countries, the United States being only one of them. *Open Doors* focuses on identifying trends and changes in foreign student flows to and from the United States, and these flows become more meaningful when examined in the context of student flows worldwide.

This section explores the nature of student migration throughout the world, based on data collected by Unesco and published in Unesco's *Statistical Yearbook 1990* or obtained directly from countries that receive the largest numbers of international students. It presents information on the overall numbers of students going abroad worldwide and the extent to which these flows vary over

TABLE 1 (Unesco)*

Foreign Student Enrollment in Host World Region, 1987[1]

Host Region	Number of Countries Reporting	Foreign Students
Africa	28	27,835
Asia	15	44,907
Europe	25	444,788
Latin America	13	27,040
Middle East	12	74,068
North America	3	383,387
Oceania	3	19,562
U.S.S.R.	1	105,800
TOTAL	**100**	**1,127,387**

* *Source: Unesco* Statistical Yearbook 1990, *Table 3.14, "Education at the third level: Number of foreign students enrolled," pp. III 376-379.*
[1] *Figures are for 1987 for most of the responding countries.*

TABLE 2 (Unesco)*

Foreign Student Enrollment in Leading Host Countries, Selected Years, 1970-1988

Host Country	1970	1975	1980	1985	1987	1988
United States[1]	144,708	179,350	311,882	343,777	356,190	366,354
France	34,500	93,750	110,763	131,979	123,928	125,574
U.S.S.R.	27,918	43,287	62,942[2]	—	105,800	115,300
Germany, F.R.	27,769	53,560	61,841	79,354	85,749	91,926
United Kingdom	24,606	49,032	56,003	53,694	59,220	—
Canada	22,263	22,700	28,443	29,496	27,119	28,622
Belgium	8,611	9,748	12,875	24,761	22,555	—
Japan	4,447	5,541	6,543	12,442	17,641	20,373
Italy	4,357	18,921	29,447	26,268	22,781	19,717
Australia	7,525	8,356	8,777	16,075	—	18,207
Saudi Arabia	1,404	4,026	14,298	17,607	—	—
Austria	8,573	10,320	—	15,388	16,174	16,580
Switzerland	9,469	10,113	14,716	17,396	13,925	14,462
Germany, D.R.	—	5,386	7,106	9,231	10,351	13,343
Syria	—	7,032	6,267	12,909	—	—
India	7,804	8,880	14,710[3]	11,039[4]	—	—
Egypt	13,387	—	21,751	12,235	10,729	—
Vatican City	8,128	5,740	9,104	9,775	9,882	10,567
Sweden	—	2,723	—	10,401	—	—
Netherlands	—	—	4,128	5,705	8,351	—
Turkey	6,125	5,907	—	7,021	8,233	7,502
Yugoslavia	—	2,358	4,426	—	6,787	6,233
Philippines	—	—	7,901	4,640	4,680	5,306
Kuwait	—	2,871	2,892	5,985	5,152	5,253
Czechoslovakia	—	3,370	3,642	4,175	4,803	5,056
Cuba	—	—	2,026	3,161	4,143	4,660

* *Source: Unesco* Statistical Yearbook 1990, *Table 3.14, "Education at the third level: Number of foreign students enrolled," pp. III 376-379.*
[1] *Source:* Open Doors 1988/89.
[2] *Figure is for 1978.*
[3] *Figure is for 1979.*
[4] *Figure is for 1983.*

TABLE 3 **(Unesco)***

Destination of Foreign Students by World Region of Origin, 1988[1]

Region of Origin	Host Country[2]					5 Leading Countries	Next 45[3] Countries	Total 50 Countries
	U.S.	France	Germany, F.R.	U.K.	Canada			
Africa	13.6	42.3	3.2	5.7	2.7	67.5	32.5	168,439
Asia	57.8	2.5	4.9	7.4	4.8	77.4	22.6	287,296
Europe	19.2	11.6	19.4	6.5	1.8	58.4	41.6	192,595
Latin America	60.7	8.5	5.8	3.0	3.4	81.5	18.5	64,331
Middle East	24.1	9.6	17.4	4.9	0.7	56.6	43.4	144,872
North America	36.8	10.5	11.8	15.3	8.1	82.4	17.6	39,400
Oceania	40.1	1.5	2.2	8.8	4.1	56.8	43.2	7,784
U.S.S.R.	8.8	4.4	5.7	3.2	0.2	22.2	77.8	1,897
% of All Foreign Students	**35.0**	**13.7**	**10.0**	**6.5**	**3.1**	**68.4**	**31.6**	**906,614**

** Source: Unesco* Statistical Yearbook 1990, *Table 3.15, "Education at the third level: Foreign students by country of origin in 50 selected countries", pp. III 381-439.*

[1] Percentages are based on student numbers for each region of origin.

[2] Figures for the United States, Canada, France, and the Federal Republic of Germany are for 1988; for the United Kingdom , 1987.

[3] Figures are for 1988 for most countries.

time. It also examines which countries send the largest numbers of students abroad and where these students go to study.

The focus then shifts to an analysis of the foreign student populations in the leading host countries throughout the world. The discussion covers current and past flows to the major receiving countries and profiles of their foreign student populations, including information on where students come from and what share they hold of the host country's student population.

Rigorously comparable data on student flows to different countries are not available. The latest available data on worldwide mobility are mostly from 1987, though some data are more recent and others less so. Direct comparisons also are hindered by variations in the definition of "foreign student" from country to country, some countries including permanent residents in their reports and others not.

OVERVIEW OF FOREIGN STUDY WORLDWIDE

According to Unesco's *Statistical Yearbook 1990,* in 1987, 1,127,387 students travelled abroad to pursue higher education in 100 countries. This number is 3.3% higher than the number of students who studied abroad in the previous year, despite the fact that fewer countries reported foreign student enrollments in 1987. Nearly three-quarters of the students (73%) left their countries to study in Europe or in North America (**Table 1**). Europe hosted the largest number of foreign students, with four out of ten (444,788) of all reported students worldwide. North America followed, with a little over one-third (383,387 students), the vast majority (93%) of whom studied in the United States. Each of the other world regions received fewer than 10% of migrant students.

The United States attracted the most foreign students of any nation worldwide. In 1987, a total of 356,190 students, nearly a third (32%) of all international students in the world, were in the United States. The second most popular nation of destination, France, received 123,928 international students or 11% of foreign students worldwide, one-third the number received by the United States. France's popularity is due in part to a common language bond it shares with some countries in North Africa, Europe, and the Middle East, which supplied almost two-thirds (66%) of its foreign student body. The other top host countries were the U.S.S.R., enrolling 105,800 students; the Federal Republic of Germany, with 85,749 students; the United Kingdom, with 59,220; and Canada, with 27,119.

SENDERS OF INTERNATIONAL STUDENTS

World Regions of Origin. Asia supplied 32% of the foreign students studying in the top 50 receiving countries (**Table 3**). Since those countries host 80% of all students going abroad, it is reasonable to assume that almost one-third of all students studying abroad in 1988 came from Asia. Europe (21%) and Africa (19%) each supplied about one-fifth of overseas students, and the Middle East a little less (16%). Latin Americans accounted for 7% of foreign students in the top 50 host countries, North Americans for 4%, Oceanians for 1%, and the Soviet Union, which is treated in Unesco's

statistics as a separate world region, for 0.2%. These statistics may be skewed, however, by the fact that some receiving countries with large foreign student populations (U.S.S.R. and Australia) did not provide detailed information on country of origin.

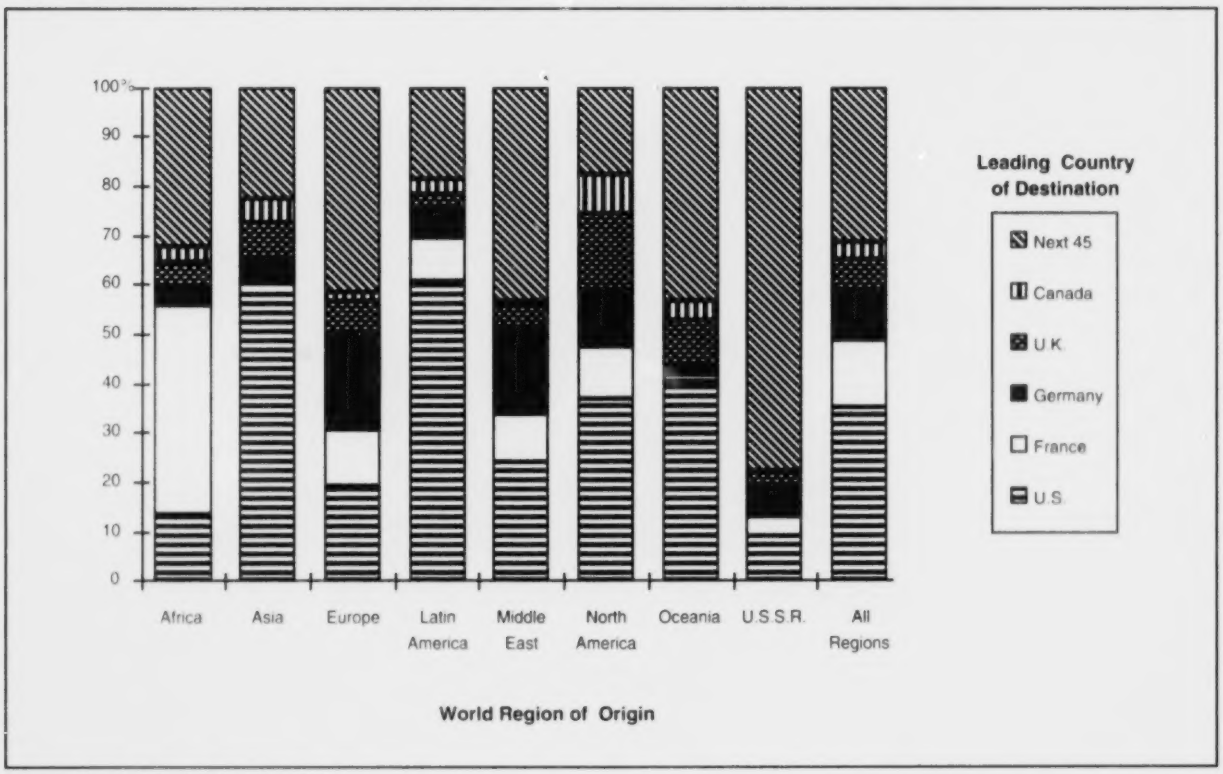
Major Countries of Origin. Nations with very large study abroad populations can be found in most regions of the globe: Asia, the Middle East, Africa, and Europe. The five countries sending the most foreign students, as is shown in **Table 4**, were China, with 70,795; Malaysia, with 36,378; Iran, with 33,565; Morocco, with 30,325; and Greece, with 28,572. These large absolute numbers should be kept in mind when assessing the impact of high proportions of students from a specific country selecting particular host countries. For example, Moroccans are a more salient component of the international student population in France than Algerians, although almost equal shares of students of the overseas students from these countries go to France.

Destinations of International Students by World Region of Origin. As **Table 3** and **Figure A** indicate, most students who travel abroad for higher education go to a limited number of host countries. In 1988, 906,614 or close to 80% of all students who left their countries to pursue higher education studied in one of the 50 leading host countries (**Table 3**). Of all students studying in these 50 countries, over two-thirds (68%) were concentrated in the top five, the flow from some world regions being even greater. Thus, over 80% of Latin Americans and North Americans studied in either the United States, France, West Germany, the United Kingdom, or Canada. Over three-quarters (77%) of Asian students and more than two-thirds (68%) of African students also could be found in these five largest receiving countries. The destinations of Europeans, Middle Easterners, and Oceanians were more diverse, with less than 60% going to the top five countries. The U.S.S.R., understandably, had the smallest percentage of students (22%) in these leading Western host countries.

Preferences for specific host countries by students from different world regions are also evident, as is shown in **Table 3** and **Figure A**. For instance, nearly six-tenths (58%) of Asians studying in the 50 leading host countries were in the United States, and an even greater share (61%) of Latin Americans pursued their education here. Middle Eastern students tended to select the United

A (Unesco)*

Countries of Destination of Foreign Students by World Region of Origin, 1988



Source: Unesco Statistical Yearbook 1990

TABLE 4 (Unesco)*

Destination of Foreign Students by Leading Place of Origin[1]

Host Country[2]	Country of Origin									
	China[3]	Malaysia	Iran	Morocco	Greece	Korea, Rep. of	Japan	Germany, F.R.	India	Hong Kong
United States (1988)	70.8	38.5	23.1	2.9	13.2	64.2	77.4	21.4	81.5	38.4
France (1988)	2.9	0.5	11.8	79.1	9.1	4.8	3.2	15.3	0.9	0.2
U.S.S.R. (1988)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Germany, F.R. (1988)	3.4	0.1	28.3	1.4	22.5	12.8	4.5	0.0	2.4	0.0
United Kingdom (1987)	1.5	17.3	3.5	0.1	8.2	1.1	2.4	8.4	3.7	26.6
Canada (1988)	3.9	3.9	0.7	1.5	1.0	0.6	1.2	1.5	3.6	24.5
Belgium (1987)	0.3	0.3	0.9	9.5	2.8	0.1	0.1	2.2	0.3	0.0
Italy (1988)	0.0	0.0	6.7	0.0	24.5	0.0	0.0	5.4	0.2	0.0
Japan (1988)	14.7	2.7	0.2	0.0	0.0	14.4	0.0	0.5	0.5	0.9
Australia (1988)	0.9	20.0	0.0	0.0	0.0	0.0	0.8	0.3	0.8	7.9
Saudi Arabia (1986)	0.0	0.2	0.1	0.4	0.0	0.0	0.0	0.0	1.1	0.0
Austria (1988)	0.5	0.0	4.3	0.0	0.0	1.0	0.7	18.0	0.3	0.0
Switzerland (1988)	0.3	0.0	0.9	0.7	1.6	0.2	0.2	13.4	0.2	0.0
Germany, D.R. (1988)	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
Syria (1986)	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
India (1983)	0.0	1.5	4.2	0.0	0.0	0.1	0.2	0.1	0.0	0.0
Egypt (1987)	0.0	0.0	0.0	0.0	0.1	0.0	3.2	0.0	0.0	0.0
Vatican City (1988)	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.9	2.4	0.0
Sweden (1984)	0.0	0.2	2.7	0.1	1.5	0.1	0.2	1.4	0.2	0.0
Netherlands (1987)	0.1	0.0	0.6	1.0	0.3	0.1	0.2	6.2	0.1	0.0
% share, 20 Leading Countries	99.4	85.1	88.6	96.8	86.4	99.8	94.4	95.0	98.2	60.2
Total, 50 Leading Countries	70,795	36,378	33,565	30,325	28,572	27,856	26,893	25,708	24,850	23,819

TABLE 4—continued

Host Country[2]	Country of Origin									
	United States	Italy	Turkey	Jordan	Canada	U.K.	Algeria	Lebanon	Nigeria	Syria
United States (1988)	0.0	10.5	14.0	24.5	80.3	40.8	3.6	33.0	47.0	16.2
France (1988)	15.2	8.3	4.4	1.7	5.3	14.4	78.2	35.0	4.4	33.7
U.S.S.R. (1988)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Germany, F.R. (1988)	20.0	15.2	63.4	5.6	2.3	14.9	2.0	2.4	2.0	4.8
United Kingdom (1987)	23.4	3.4	1.8	2.6	5.8	0.0	6.2	2.0	13.3	2.1
Canada (1988)	13.7	0.4	0.6	0.4	0.0	6.1	1.5	1.0	1.9	0.3
Belgium (1987)	1.0	16.1	2.0	0.1	0.5	1.7	3.1	3.3	0.5	0.9
Italy (1988)	2.3	0.0	0.3	6.0	0.3	1.3	0.0	4.7	4.2	1.6
Japan (1988)	4.5	0.2	0.1	0.0	0.5	0.9	0.0	0.0	0.1	0.1
Australia (1988)	1.8	0.0	0.0	0.0	0.8	1.5	0.0	0.0	0.0	0.0
Saudi Arabia (1986)	0.2	0.0	1.1	9.8	0.0	0.1	0.3	0.8	1.2	9.6
Austria (1988)	1.9	17.5	4.7	0.2	0.2	0.9	0.2	0.3	1.0	0.8
Switzerland (1988)	2.5	9.7	1.1	0.1	0.7	2.2	0.9	0.7	0.1	0.5
Germany, D.R. (1988)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Syria (1986)	0.0	0.0	0.6	16.8	0.0	0.0	0.7	8.4	0.0	0.0
India (1983)	0.4	0.0	0.0	2.7	0.1	0.4	0.0	0.0	15.7	0.3
Egypt (1987)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.1	1.6
Vatican City (1988)	2.9	15.8	0.0	0.0	0.7	1.2	0.0	0.8	3.0	0.3
Sweden (1984)	1.4	0.4	0.8	0.1	0.2	1.8	0.2	0.0	0.2	0.2
Netherlands (1987)	1.3	1.5	3.8	0.1	0.4	3.3	0.1	0.0	0.1	0.1
% share, 20 Leading Countries	92.6	99.1	98.8	70.5	98.2	91.4	97.0	93.0	94.8	73.2
Total, 50 Leading Countries	21,151	19,534	18,688	17,497	17,317	14,475	13,997	13,464	11,347	9,169

** Source: Unesco* Statistical Yearbook 1990, *Table. 3.15 , "Education at the third level: Foreign students by country of origin in 50 selected countries", pp. 111 381-505.*

[1] Percentages are based on the student total from each country of origin.

[2] Dates in parentheses represent the year on which percentages are based.

[3] Unesco data on China include figures for Taiwan.

TABLE 5 (Unesco)*

World Region of Origin of Foreign Students in Leading Host Countries, 1988[1]

Host Country[2]	World Region Of Origin								Foreign Enrollment
	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	U.S.S.R.	
United States [3]	7.2	52.2	11.7	12.3	11.0	4.6	1.0	0.1	366,350
France	57.3	5.7	17.9	4.4	11.2	3.3	0.1	0.1	125,574
U.S.S.R.	23.8	45.9	17.0	13.3	0.0	0.0	0.1	0.0	115,360
Germany, F.R.	6.0	15.5	41.2	4.1	27.8	5.1	0.2	0.1	91,926
United Kingdom (1987)	16.1	36.1	21.1	3.3	11.9	10.2	1.2	0.1	59,220
Canada	15.8	48.4	12.3	7.7	3.5	11.2	1.1	0.0	28,622
Belgium (1987)	34.9	4.2	50.3	3.2	6.0	1.4	0.0	0.0	22,555
Italy	9.1	1.2	59.0	2.5	25.5	2.5	0.2	0.0	21,411
Japan	1.2	86.7	3.0	2.7	0.7	5.0	0.7	0.0	20,373
Australia	2.0	82.1	3.4	0.4	0.0	3.0	9.0	0.0	18,207
Saudi Arabia (1986)	17.5	13.1	0.2	0.0	68.9	0.2	0.0	0.0	17,971
Austria	4.0	6.6	66.8	2.0	17.6	2.7	0.2	0.1	16,580
Switzerland	7.9	4.5	72.1	5.2	5.4	4.5	0.3	0.1	14,462
Germany, D.R.	20.1	33.0	33.0	7.7	0.0	0.0	0.0	6.1	13,343
Syria (1986)	12.5	0.5	0.6	0.5	85.8	0.0	0.0	0.0	12,309
India (1983)	44.0	31.1	1.3	1.4	20.6	1.0	0.6	0.0	11,039
Egypt (1987)	58.3	8.4	0.4	0.0	32.9	0.0	0.0	0.0	10,729
Vatican City	10.0	11.4	53.4	15.1	1.8	7.6	0.6	0.0	10,567
Sweden	3.7	2.3	72.3	6.2	11.7	3.4	0.2	0.3	10,401
Netherlands (1987)	6.5	12.9	51.7	11.5	12.5	4.1	0.7	0.0	8,351
Turkey	5.3	3.9	9.9	0.0	80.4	0.5	0.0	0.0	7,502
Yugoslavia	9.2	1.2	51.6	0.6	36.5	0.8	0.1	0.0	6,233
Philippines	6.2	53.8	0.3	0.2	32.3	6.8	0.3	0.0	5,304
Kuwait (1987)	10.0	22.2	0.3	0.0	67.5	0.1	0.0	0.0	5,152
Czechoslovakia	27.9	21.5	22.7	9.0	16.7	0.1	0.0	2.2	5,056
Cuba	71.8	3.0	1.1	17.6	4.8	0.1	0.0	1.6	4,660
50 Leading Countries	**18.6**	**31.7**	**21.2**	**7.1**	**16.0**	**4.3**	**0.9**	**0.2**	**1,080,823**

** Source: Unesco* Statistical Yearbook 1990, *Table 3.15 ,"Education at the third level: Foreign students by country of origin in 50 selected countries," pp. III 381-405.*

[1] Percentages are based on the foreign student enrollments in each reporting host country.

[2] When year on which percentages are based is different from 1988, it is shown in parentheses.

[3] Source: Open Doors, 1988/89.

States (24%) as well, and, to a much lesser extent, Germany (17%). About four-tenths (42%) of the Africans were in France, and more than one-eighth (14%) were in the United States. Nearly four in ten North Americans (37%), consisting mainly of Canadians, studied in the United States, and substantial proportions studied in the United Kingdom (15%) and West Germany (11.8%). The United States attracted over four-tenths (40%) of Oceanian students, while Europeans distributed themselves more evenly among the leading host countries, with 19% in the United States, 19% in the Federal Republic of Germany, and 12% in France.

When considering these regional preferences and the proportional distributions of students in the major host countries, it is important to remember that, since actual flows vary enormously, percentages tell only part of the story. Thus, while half of all students from Oceania amounts to a relatively small number, one half of the Asian students who go abroad to study refers to nearly 150,000 students.

Destination of International Students from Leading Sending Countries. Data published by Unesco indicate that there are national, as well as regional, preferences for particular host countries (**Table 4**). More than seven-tenths of the migrant students from four countries–India (82%), Canada (80%), Japan (77%), and China (71%)–and almost two-thirds of the students from the Republic of Korea (64%) traveled to the United States. India's overwhelming preference for the United States is particularly interesting, and it cannot be explained by their shared language, as India sent a paltry 4% of its students to the United Kingdom, despite their historical links and relative geographic proximity.

Other strong national preferences are also evident, most suggesting the importance of common language,

history, economic ties, and geography in the selection of countries in which to study. Thus, over three-fourths of all study abroad students from Morocco and Algeria-both former colonies of France-(79% and 78%, respectively) studied in France. Also, almost two-thirds (63%) of all students from Turkey who went abroad for higher education travelled to the Federal Republic of Germany. This is not surprising, considering that thousands of Turkish citizens live in Germany as guest workers.

In some instances, there are clear preferences but lesser concentrations. Again, many of these patterns suggest the importance of geographic proximity, cultural affinity, and linguistic familiarity. Most foreign students from the United States, for instance, went to the United Kingdom (23%), the Federal Republic of Germany (20%), France (15%), and Canada (14%). Similarly, nearly two-thirds of the students from the United Kingdom who went abroad studied in either the United States (41%), West Germany (15%), or France (14%). Most West Germans studied in the United States (21%), Austria (18%), France (15%), or Switzerland (13%). Nearly one-quarter of Greek students went to nearby Italy (25%) and the Federal Republic of Germany (23%). Not surprisingly, most Italian students studied in Austria (18%), Belgium (16%), or the Vatican City (16%).

Large proportions of Nigerian students studied in the United States (47%) and India (16%), where English is commonly spoken. Students from Jordan tended to study either in the United States (25%) or in Syria (17%). Most Syrian students studied in France (34%) or the United States (16%).

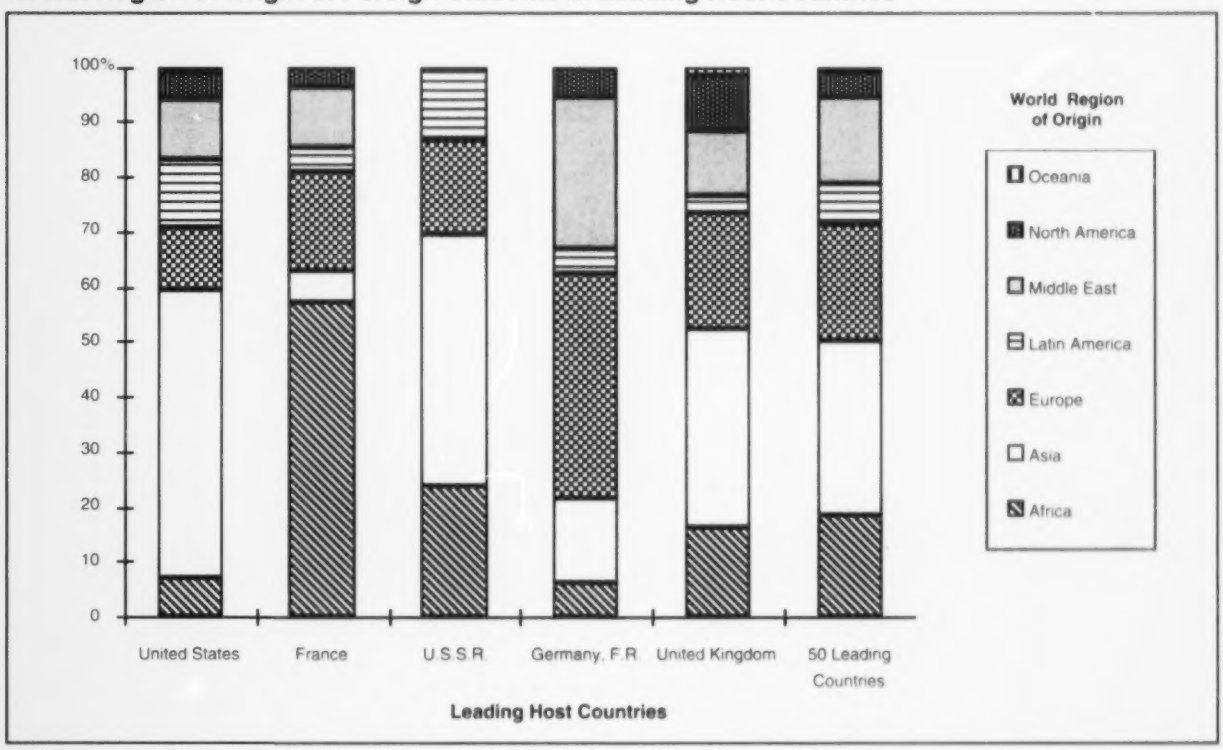
Nearly four-tenths (39%) of all Malaysian students who travelled abroad to obtain higher education went to the United States; an additional 20% went to nearby Australia, while a relatively small proportion (17%) went to the United Kingdom. Finally, the majority of foreign students from Hong Kong studied in the English-speaking countries of the United States (38%), the United Kingdom (27%), and Canada (25%). The negative impact of the United Kingdom's changed fee structure for foreign students helps explain reduced flows from some commonwealth countries.

FOREIGN STUDENTS IN LEADING HOST COUNTRIES

Leading Host Countries or Where Do International Students Go? As discussed above, most students going abroad chose to pursue their studies in a relatively small number of countries. In 1987, over nine-tenths (91%) of all the students in the world who went abroad for

B (Unesco)*

World Region of Origin of Foreign Students in Leading Host Countries



Source: Unesco Statistical Yearbook 1990

TABLE 6

Country of Origin of Foreign Students in Selected Host Countries, 1990

Host Country					
United States[1]		France[2]		Germany[3]	
Leading Places of Origin	Number	Leading Places of Origin	Number	Leading Places of Origin	Number
1. China	39,600	1. Morocco	23,975	1. Turkey	11,654
2. Japan	36,610	2. Algeria	10,949	2. Iran	9,958
3. Taiwan	33,530	3. Tunisia	6,999	3. Greece	6,190
4. India	28,860	4. Cameroon	4,867	4. Austria	4,963
5. Korea, Republic of	23,360	5. Libya	4,706	5. United States	4,123
6. Canada	18,350	6. Iran	3,953	6. Korea, Rep. of	3,863
7. Malaysia	13,610	7. Germany, F.R.	3,931	7. China	3,275
8. Hong Kong	12,630	8. Madagascar	3,420	8. France	3,273
9. Indonesia	9,520	9. United States	3,214	9. Italy	3,843
10. Pakistan	7,730	10. Syria	3,087	10. Yugoslavia	2,816

Host Country					
United Kingdom[4]		Canada[5]		Japan[6]	
Leading Places of Origin	Number	Leading Places of Origin	Number	Leading Places of Origin	Number
1. Hong Kong	7,386	1. Hong Kong	7,472	1. China	18,063
2. Malaysia	6,517	2. China	5,043	2. Korea, Rep. of	8,050
3. United States	5,358	3. Philippines	4,408	3. Taiwan	6,484
4. Germany, F.R.	3,493	4. United States	3,800	4. Malaysia	1,544
5. Irish Republic	3,460	5. Japan	1,859	5. United States	1,180
6. France	3,206	6. France	1,599	6. Indonesia	948
7. Greece	2,866	7. Malaysia	1,599	7. Thailand	856
8. Singapore	2,052	8. United Kingdom	1,408	8. Philippines	479
9. Spain	1,746	9. Singapore	1,228	9. Hong Kong	422
10. Cyprus	1,558	10. Taiwan	641	10. Bangladesh	394

[1] *Source:* Open Doors, 1990/91.
[2] *Source: Ministere de L'Education Nationale.* Reperes & References Statistiques, sur les enseignements et la formation,1989, *Table 10.AF.*
[3] *Source: German Federal Ministry of Education and Science.* Education Statistics for the Federal Republic of Germany, 1990/91, *pp. 90-91.*
[4] *Source: The British Council.* Statistics of Students from Abroad in the United Kingdom, 1988/89, *Table 6, p.38.*
[5] *Source: The Canadian Bureau of International Education. Figures are for 1989/90.*
[6] *Source: The Japan-United States Educational Commission. Figures are for 1990/91.*

higher education enrolled in 26 host countries, and over two-thirds (67%) concentrated in only five. The United States alone was the destination of nearly one-third of all students going abroad.

Trends. The last two decades have witnessed a dramatic increase in international student mobility. According to Unesco, approximately 500,000 students attended foreign universities in 1970; by the late-eighties, that number had more than doubled, reaching 1,127,387. Enrollments by foreign nationals in the major receiving countries, however, has not increased uniformly, as an examination of **Table 2** reveals.

Although the expansion of foreign student enrollments in the United States is very large, it seems modest when compared to the growth in other leading host countries, as a look at **Table 2** shows. Thus, while in the United States, foreign student numbers rose 153.2% between 1970 and 1988, in France they surged 264%, and in the U.S.S.R. they soared 313%.

In some countries with smaller foreign student enrollments in 1970, the proportional increases were even higher (**Table 2**). For instance, the number of foreign students in Saudi Arabia jumped by a phenomenal 1,154% between 1970 and 1985, while in Japan it surged by an impressive 358% between 1970 and 1988. In most of the other countries with large foreign student populations, the inflow of overseas students rose by a factor of roughly two. However, in some countries, such as Turkey, and the Vatican City, it remained more or less stable.

TABLE 7 (Unesco)*

Foreign Student and Total Enrollment in Leading Host Countries, 1987

Host Country[1]	Foreign Enrollment	Total Enrollment	% of Total Enrollment
United States[2]	356,187	12,808,487	2.8
France	123,928	1,327,771	9.3
U.S.S.R.	105,800	5,122,000	2.1
Germany, F.R.	85,749	1,626,334	5.3
United Kingdom	59,220	1,086,092	5.5
Canada	27,119	1,277,624	2.1
Belgium	22,555	254,329	8.9
Italy	22,781	1,227,809	1.9
Japan	17,641	2,510,169	0.7
Australia (1985)	16,075	393,734	4.1
Saudi Arabia (1986)	17,971	130,924	13.7
Switzerland	13,925	121,693	11.4
Germany, D.R.	10,351	437,919	2.4
Syria (1986)	12,309	182,933	6.7
Egypt	10,729	875,033	1.2
Vatican City	9,882	9,882	100.0
Sweden (1985)	10,401	184,324	5.6
Netherlands	8,351	413,488	2.0
Turkey	8,233	534,459	1.5
Yugoslavia	6,787	348,068	1.9
Philippines	4,680	1,627,000	0.3
Kuwait	5,152	25,521	20.2
Czechoslovakia	4,803	170,550	2.8
Cuba	4,143	265,225	1.6
Denmark	4,534	122,256	3.7
China	4,408	2,064,910	0.2

** Source: Unesco Statistical Yearbook 1990, Table 3.14, "Education at the third level: Number of foreign students enrolled," pp. III 376-379, and Table 3.11 "Education at the third level: Teachers and students by type of institution," pp. III 246-282.*

[1] When year on which percentages are based are different from 1987, it is shown in parentheses.

[2] Source: Open Doors, 1987/88.

Interestingly, as **Table 2** shows, in some nations, including France and the United Kingdom, the bulk of the growth occurred in the early seventies–unlike the United States, which saw a period of major expansion in the latter part of that decade. In the Federal Republic of Germany foreign enrollments climbed steadily throughout the seventies, while in Italy, in Canada, and in Saudi Arabia trends in foreign student inflows mirrored those of the United States. It is worth noting that foreign student enrollments in France and Canada went up in 1988, after declining the previous year, but are still lower than in 1985.

Again, in discussing these statistics, it is important to keep in mind the significant numerical differences between enrollments in the United States and in other host countries. Despite the rapid growth elsewhere, the United States already had more students in 1970 than any other country has had at any time since then.

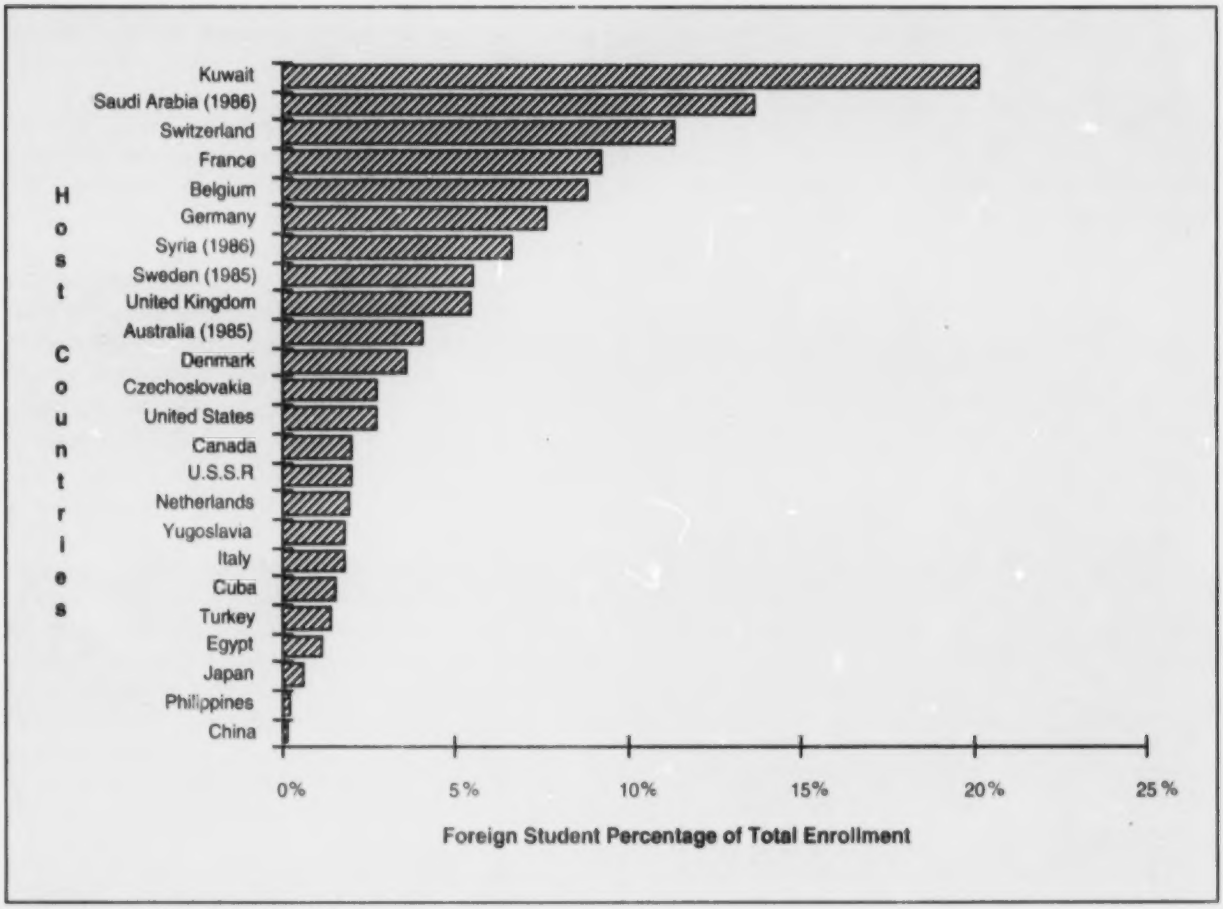
World Region of Origin of Foreign Students in Leading Host Countries. Though the geographic origins of international students in the various leading host countries were diverse, some of the major receiving countries seem to have drawn a large majority of their student population from a single world region, as **Table 5** and **Figure B** indicate. For instance, more than one-half (52%) of all foreign students studying in the United States in 1988 were from Asia. Asians also constituted extremely large percentages of international students in Japan (86%) and Australia (82%), and smaller but still sizeable proportions of foreign students in the Philippines (54%) and the U.S.S.R. (46%). Similarly, nearly six-tenths of the international students in France (57%) were from Africa, and nearly three-quarters of the foreign student population in Cuba came from certain countries in Africa, with which Cuba shares both economic and political ties. Other countries with a strong African presence were Egypt (58%), India (44%), Belgium (35%), and Czechoslovakia (28%).

Taken in its entirety, **Table 5** suggests that historical ties and linguistic and cultural affinity, as well as geographic proximity, political harmony, and the strength of the host country's educational structure are factors that help determine the pattern of international student mobility. Thus, some European countries drew more than half of their foreign student population from other parts of Europe. These included Sweden (72%), Switzerland (72%), Austria (67%), Italy (59%), the Vatican City (53%), and the Netherlands (52%). Likewise, in several Middle Eastern host nations very large percentages of the international students were from other Middle Eastern countries: 86% of foreign students in Syria, 80% of students in Turkey, 69% of students in Saudi Arabia, and 68% of students in Kuwait. The vast majority of foreign students in Japan and Australia, 87% and 82%, respectively, and more than half of the foreign students in the Philippines (53.8%) were from Asia, revealing intra-regional student migration patterns in this part of the world as well.

Countries of Origin of Foreign Students in Leading Host Countries. Table 6 shows the countries of origin of the largest groups of the foreign students in each of five leading host countries. These data were collected directly from various sources within the host countries and are more current than the Unesco data. The data refer to some of the top six receiving countries in the world, because country of origin information was not available for the U.S.S.R. All of the major sending countries identified through Unesco data again appear as important sources of foreign students, having at least 1,000 students in one or more of the major receiving countries.

C (Unesco)*

Foreign Student Proportion of Total Enrollment in Leading Host Countries, 1987[2]



* Source: Unesco Statistical Yearbook *1990*.
[2] *The Vatican City is not included; 100% of its total enrollment is foreign.*

Foreign Students Relative to Total Higher Education Enrollments in Leading Host Countries. The impact foreign students can have on the host country's educational system depends, to an extent, on the share they hold of the entire higher education population in that country. In the United States, international students made up a mere 3% of all students in higher education. In most other leading receiving nations, as **Table 7** and **Figure C** show, foreign nationals also constituted relatively small shares of the entire higher education population. For instance, in France, foreign students made up 9% of total higher educational enrollments. Similarly, in only four of the 26 leading host countries did foreign students account for more than 10% of the total student population: Kuwait (20%), Saudi Arabia (14%), Switzerland (11%), and, not surprisingly, the Vatican City with an entirely foreign student body. In some countries the percentages of foreign students were particularly low; these include China (0.2%), the Philippines (0.3%), Japan (0.7%), and Egypt (1.0%).

Part II: FOREIGN STUDY IN THE UNITED STATES

INTRODUCTION

Every year since 1949, the Institute of International Education (IIE) has published an enumeration of the foreign student population in the United States. Originally titled *Education for One World*, it was renamed *Open Doors* in 1955. IIE conducts a survey, the Annual Census of Foreign Students in the United States, of all regionally-accredited institutions of higher education in the United States, obtaining from them data on the foreign students they enroll. The 1990/91 edition of *Open Doors* is the result of the most recent survey. IIE's efforts benefit from the advice provided by the International Education Data Collection Committee (IEDC), which includes representatives of NAFSA: Association of International Educators, the American Association of Collegiate Registrars and Admissions Officers (AACRAO), and IIE itself.

Since 1975/76, in response to IIE's redesigned questionnaire, campus officials have been providing institutional totals of foreign students in each of the following categories: country of origin, academic characteristics, and personal characteristics. With the aggregate data thus provided, *Open Doors* effectively meets the needs of those who seek information about a single or specific characteristic of the foreign student population, for example:

- the total number of foreign students in the United States
- the number of students from a particular country or region
- the distribution of foreign students among different fields of study
- the geographic origin of foreign students within the United States
- the number of foreign students at different academic levels.

The excellent response rate to the *Open Doors* survey (96.7% in 1990/91) means that the survey constitutes a virtual census of the foreign student population, providing an accurate picture of foreign study in this country. For certain purposes, however, aggregate data like those in *Open Doors* are not sufficiently detailed. To provide in-depth information, IIE conducts another, biennial survey, obtaining information about individual foreign students from campus officials. These data, collected in what is known as the Individual Data survey, can be cross-tabulated to yield such detailed information as:

- the proportion of students from a specific country who are undergraduates
- the proportion of male students from a specific country who are studying business and management
- the proportions of foreign engineering students from different world regions
- the proportions of foreign students in different fields of study at different academic levels.

The data collected in the Individual Data Survey are published in *Profiles, Detailed Analyses of the Foreign Student Population*. While the detailed information contained in *Profiles* has clear advantages for certain kinds of analyses of foreign student flows, *Open Doors* is the best source of information on the broad characteristics of foreign students, since it is based on almost the entire foreign student population.

1. OVERVIEW OF FOREIGN STUDY IN THE UNITED STATES

THE ANNUAL CENSUS OF FOREIGN STUDENTS

Methodology and Data

The Questionnaire. *Open Doors* was designed to meet the needs of those who seek information on a single or specific characteristic of the foreign student population. The data presented in *Open Doors 1990/91* were obtained by the research division of the Institute of International Education through a survey conducted in Fall 1990 and Spring 1991 of campus officials in the 2,879 regionally accredited institutions of higher education in the United States. The survey, known as the Annual Census of Foreign Students in the United States, asked campus officials to provide information on the number of foreign students at their institutions and totals on specific characteristics such as: world region, subregion, and country of origin; field of study; academic level; full-time and part-time status; and primary sources of financial support. In addition, they report on the gender, marital status, and immigration status or visa type of their foreign students, and are also requested to provide academic level breakdowns for each of the variables if such information is available. **(Copies of the survey materials appear in Appendix A.3).**

Response Rate. Virtually all of the institutions surveyed, 2,784 or 96.7%, responded to the questionnaire as is shown in **Table1.0**. Therefore, the statistics in this publication give an extremely accurate description of foreign study in the United States. The response rate, shown in **Table 1.0,** although always high, has fluctuated over the history of the Census, reaching the lowest point in the early seventies. However, in the past decade, it has been very high, ranging from 93% in 1979/80 to 99.5% in 1987/88, then dipping slightly below 97% this past year.

Types of Responses. Nine-tenths of the institutions that responded to the survey, 2,543 in all, reported enrolling international students (**Table 1.0**). Of the schools with overseas student enrollments, a small number—289, representing 11.4%— provided only overall foreign student numbers (Step 1), as shown in **Table 1.1**. The vast majority, however, provided information not only on the total number of international students on campus, but also data on countries or other places of origin, fields of study, academic levels, gender, and other characteristics of the students (Step 2).

A very high proportion of the colleges and universities with foreign students sent data on all of the characteristics on the questionnaire, as **Table 1.2** shows. Some

TABLE 1.0

Institutions Surveyed and Type of Response, Selected Years, 1959/60-1990/91

Year	Institutions Surveyed	Institutions with Foreign Students	Institutions with No Foreign Students	Total Responding Institutions	% Response
1959/60	3,008	1,712	808	2,520	83.8
1964/65	2,556	1,859	434	2,293	89.7
1969/70	2,859	1,734	265	1,999	69.9
1974/75	3,085	1,760	148	1,908	61.8
1979/80	3,186	2,651	299	2,950	92.6
1980/81	3,205	2,734	296	3,030	94.5
1981/82	2,862	2,454	239	2,693	94.1
1982/83	2,849	2,529	266	2,795	98.1
1983/84	2,844	2,498	268	2,766	97.3
1984/85	2,833	2,492	274	2,766	97.6
1985/86	2,902	2,507	296	2,803	96.6
1986/87	2,896	2,518	331	2,849	98.4
1987/88	2,893	2,552	326	2,878	99.5
1988/89	2,904	2,521	298	2,819	97.1
1989/90	2,891	2,546	294	2,840	98.2
1990/91	2,879	2,543	241	2,784	96.7

TABLE 1.1

Institutions Reporting Foreign Students and Type of Response, 1986/87-1990/91

Type of Response	1986/87		1987/88		1988/89		1989/90		1990/91	
	Number	%	Number	%	Number	%	Number	%	Number	%
Total Only- STEP 1	322	12.8	342	13.4	282	11.2	263	10.3	289	11.4
Institutional Data-STEP 2	2,196	87.2	2,210	86.6	2,239	88.8	2,283	89.7	2,254	88.6
Individual Data- STEP 3	—	—	1,925	75.4	—	—	2,002	78.6	—	—
TOTAL	**2,507**	**100.0**	**2,518**	**100.0**	**2,521**	**100.0**	**2,546**	**100.0**	**2,543**	**100.0**

variables commanded a greater number of responses: data on academic level exist for 91.9% of all foreign students reported, country of origin information for 89.6%, and field of study breakdowns for 84.9%. Conversely, information on the primary sources of students' funding and on their marital status appears for only about half (53% and 56%, respectively).

It should be noted that some foreign student totals will vary in different tables in this publication. In **Table 1.3**, for example, the total number of foreign students is listed as 407,529, while in other tables throughout this book, the total is rounded to 407,530. Inconsistencies also occur when, due to rounding, percentages do not add up to 100%. In these instances, the total percent column is listed as 100% to indicate that all categories are accounted for.

FINDINGS: OVERVIEW

Total Foreign Student Enrollments. International student enrollments in the United States reached yet another record high in 1990/91, as an examination of **Table 1.3** shows. A total of 407,529 foreign students came here, 20,679 more than in the previous year. This represents a substantial increase of 5.3%, just below the previous year's increase of 5.6%. It seems foreign student numbers are on the rise again after almost leveling off in the eighties.

Trends. The story of international study in the United States is one of continuous expansion. In the mid-fifties, merely 34,232 foreign students came here; last year brought close to twelve times that number. The expansion, though constant, has not been uniform over the years. By the end of the fifties, just five years after the Census began, international enrollments had gone up by over 40%. In the sixties, the enrollments of foreign students exploded, averaging 10% growth each year so that by the end of the decade they had nearly tripled. The early seventies witnessed relatively modest increases, but in the late seventies, the rate of growth shot up again. In just six years, the foreign student population doubled, from 154,580 in 1974/75 to 311,882 in 1980/81. In contrast, the rate of growth petered out in the eighties; between 1980/81 and 1988/89 foreign student enrollments rose by a total of 16.4%. Only in the past two years have they begun to climb again, increasing by more than 5% yearly (**Table 1.3** and **Figure 1.A**).

TABLE 1.2

Summary of Step 2 Survey Responses, 1990/91

Category	Number of Responses	% of 376,062 Step 2 responses	% of 407,529 Foreign Students Reported
Academic Level	374,320	99.5	91.9
Country of Origin	365,182	97.1	89.6
Gender	352,334	93.7	86.5
Field of Study	345,933	92.0	84.9
Enrollment Status	334,664	89.0	82.1
Visa (Immigration) Status	328,771	87.4	80.7
Marital Status	226,365	60.2	55.5
Primary Source of Funds	217,242	57.8	53.3
TOTAL	**376,062**	**100.0**	**92.3**

TABLE 1.3

Foreign Student Enrollment, Institutions Reporting Foreign Students, and Percent Change,1954/55-1990/91

Year	Foreign Students	% Change	Number of Institutions	% Change[1]
1954/55	34,232		1,629	
1959/60	48,486	8.3	1,712	1.0
1955/56	36,494	6.6	1,630	0.1
1956/57	40,666	11.4	1,734	6.4
1957/58	43,391	6.7	1,801	3.9
1958/59	47,245	8.9	1,680	-6.7
1959/60	48,486	2.6	1,712	1.9
1960/61	53,107	9.5	1,666	-2.7
1961/62	58,086	9.4	1,798	7.9
1962/63	64,705	11.4	1,805	0.4
1963/64	74,814	15.6	1,805	0.0
1964/65	82,045	9.7	1,859	3.0
1965/66	82,709	0.8	1,755	-5.6
1966/67	100,262	21.2	1,797	2.4
1967/68	110,315	10.0	1,827	1.7
1968/69	121,362	10.0	1,846	1.0
1969/70	134,959	11.2	1,734	-6.1
1970/71	144,708	7.2	1,748	0.8
1971/72	140,126	-3.2	1,650	-5.6
1972/73	146,097	4.3	1,508	-8.6
1973/74	151,066	3.4	1,359	-9.9
1974/75	154,580	2.3	1,760	29.5
1975/76	179,344	16.0	2,093	18.9
1976/77	203,068	13.2	2,294	9.6
1977/78	235,509	16.0	2,475	7.9
1978/79	263,938	12.1	2,504	1.2
1979/80	286,343	8.5	2,651	5.9
1980/81	311,882	8.9	2,734	3.1
1981/82	326,299	4.6	2,454	-10.2
1982/83	336,985	3.3	2,529	3.1
1983/84	338,894	0.6	2,498	-1.2
1984/85	342,113	0.9	2,492	-0.2
1985/86	343,777	0.5	2,507	0.6
1986/87	349,609	1.7	2,518	0.4
1987/88	356,187	1.9	2,552	1.4
1988/89	366,354	2.9	2,521	-1.2
1989/90	386,851	5.6	2,546	1.0
1990/91	407,529	5.3	2,543	-0.1

[1]Rate of change for accredited institutions (see text). In 1981/82 the number of institutions surveyed decreased due to elimination from the Census of all institutions that are not listed in the Education Directory, Colleges and Universities *with (a) accreditation, (b) provisional or probationary accreditation, or (c) preaccredited status by a Regional Accrediting Commission.*

Dispersion of Foreign Students. Only 241 or less than one-tenth (9%) of the institutions that participated in the Census reported no foreign students; the remaining 91% had foreign nationals in their student bodies. This indicates that foreign students were widely dispersed in colleges and universities throughout the country. This was not always the case, however, as **Table 1.0** reveals. In the late fifties, only 68% of the responding institutions had students from foreign nations. That percentage increased slowly in the next two decades, surpassing 86% in 1969/70, and reaching an all-time high of 90% in 1980/81. From the mid-seventies to 1980 alone, over 900 additional schools reported having foreign students, paralleling a rapid expansion in the foreign student population during the same period. It should be noted, however, that unaccredited institutions of higher education, in addition to accredited ones, were surveyed during these years.

In 1981/82, unaccredited institutions were eliminated from the survey, resulting in a 10% drop in the total number of institutions surveyed, and a consequent dip to 86% of schools claiming foreign nationals among their students. Since then, the proportion of schools reporting foreign nationals has grown to its current level of 2,543 or 91% (**Table 1.0**). In other words, over the years, increases in foreign student enrollments have spread across the structure of higher education in the United States, with more students attending a greater number and variety of institutions.

TABLE 1.4

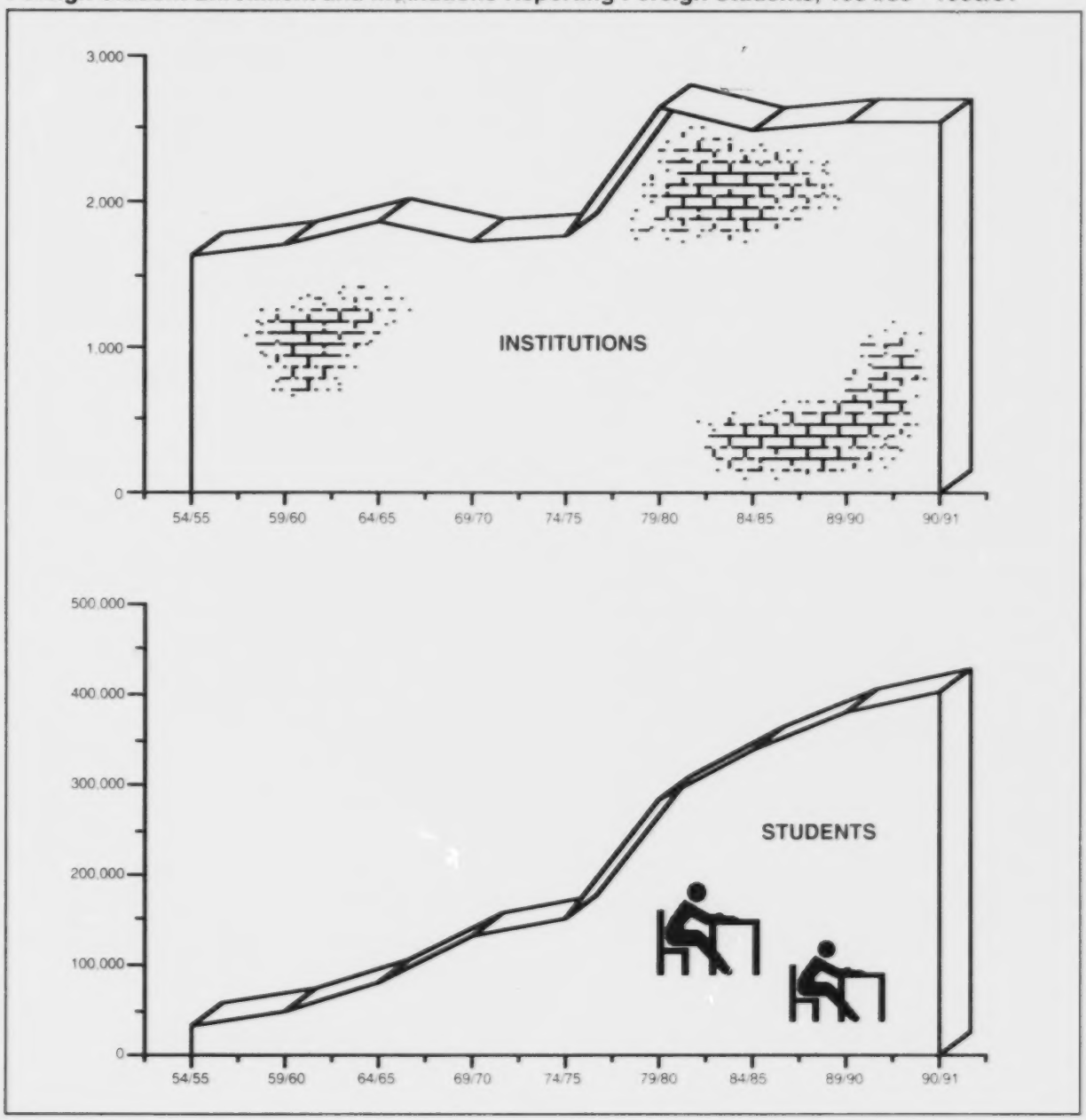
Foreign Student and Total U.S. Enrollment, Selected Years, 1954/55-1990/91

Year	Foreign Enrollment	Total Enrollment[1]	% of Total Enrollment
1954/55	34,232	2,499,800	1.4
1959/60	48,486	3,402,300	1.4
1964/65	82,000	5,320,000	1.5
1969/70	134,959	7,978,400	1.7
1974/75	154,580	10,321,500	1.5
1979/80	286,343	11,707,000	2.4
1984/85	342,113	12,467,700	2.7
1985/86	343,777	12,387,700	2.8
1986/87	349,609	12,410,500	2.8
1987/88	356,187	12,808,487	2.8
1988/89	366,350	13,322,576	2.7
1989/90	386,850	13,824,592	2.8
1990/91	407,529	13,975,408	2.9

[1] Reported total enrollments from 1954/55 to 1982/83 are from the National Center for Education Statistics, Washington, D.C. The reported total enrollment since 1983 are from Fall Enrollment. *New York: College Board.*

Foreign Students in Relation to Overall Enrollments. One measure of international students' impact on a host country's educational system is their share of the entire higher education population. In the United States, that share is minimal. Despite the dramatic leap in foreign student inflows over the history of the Census, these students' share of the overall higher educational student population increased from 1.4% in 1954/55 to only 2.9% last year. The tremendous growth in the number of Americans attending institutions of higher education during the same period diminished the effects of a swelling international population. As an examination of **Table 1.4** shows, a small increment in the foreign students' proportion took place in the late seventies, a period of very rapid foreign student expansion, but has yet to exceed 3.0%.

1.A
Foreign Student Enrollment and Institutions Reporting Foreign Students, 1954/55 - 1990/91



2. GEOGRAPHIC ORIGIN

"Where do foreign students attending accredited institutions of higher education in the United States come from?" This chapter examines the major trends in student flows from different world regions, subregions, and leading countries of origin over the past 37 years.

Subgroups of international students will be discussed separately according to world region of origin. These subgroups will be presented in descending order of enrollments, beginning with Asians and ending with North Americans and Oceanians. Following the regional presentations will come a section on those individual countries sending the largest numbers of foreign students. Current student flows will be compared to past flows, and relative rank orders will be established.

TABLE 2.0

Foreign Students by World Region of Origin and Percent Change, 1989/90-1990/91

World Region	Foreign Students 1989/90	Foreign Students 1990/91	% Change
Africa	24,570	23,800	-3.1
Asia	208,110	229,830	10.4
Europe	46,040	49,640	7.8
Latin America	48,090	47,580	-1.1
Middle East	37,330	33,420	-10.5
North America	18,590	18,950	1.9
Oceania	4,010	4,230	5.5
All Foreign Students	**386,850[1]**	**407,530[2]**	**5.3**

[1] Includes 110 students classified as stateless.
[2] Includes 80 students classified as stateless.

ASIAN STUDENTS

Asians constituted, by far, the largest group of foreign students in the United States last year, their number exceeding the number of students from all other world regions combined. Well over half (56.4%) of all international students came from Asia (**Table 2.1**), marking the fourth year in which Asians constituted the majority. Over those four years, the student flow from Asia has increased steadily and rapidly, showing an average yearly

2.A
Foreign Students by World Region of Origin, 1954/55 - 1990/91

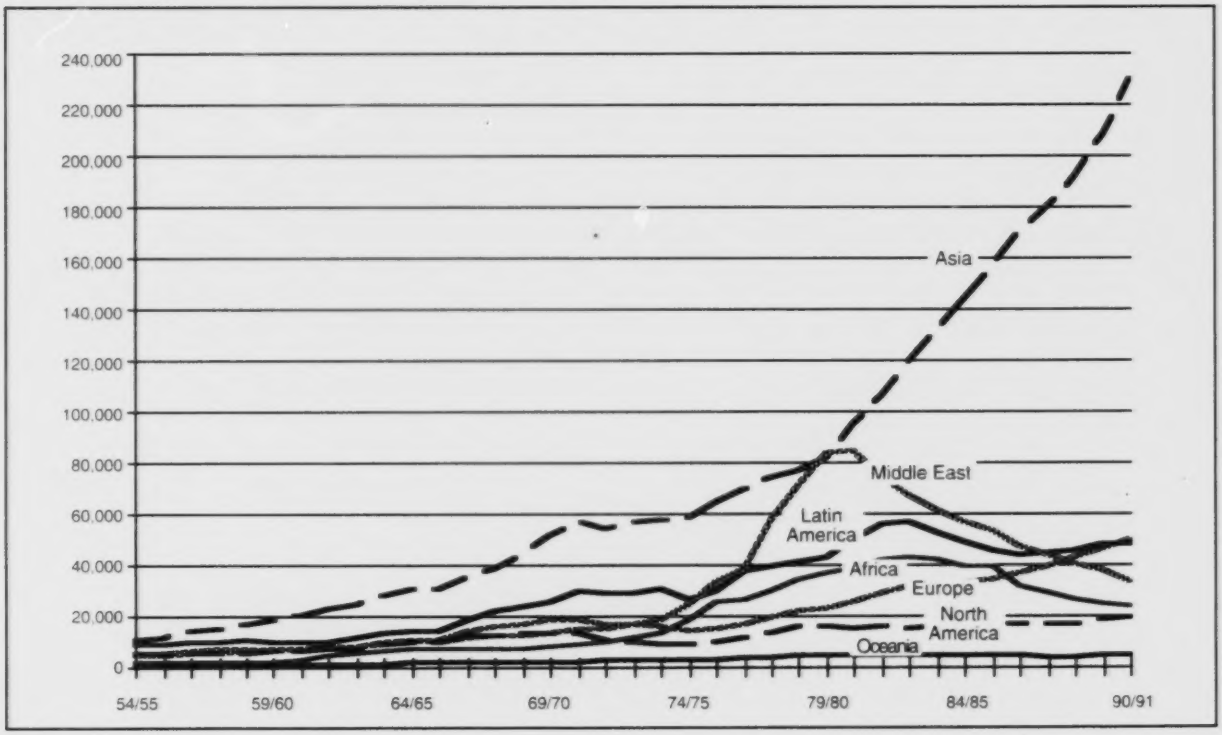


TABLE 2.1

Foreign Students by World Region of Origin, 1954/55-1990/91

Year	Africa		Asia		Europe		Latin America		Middle East		North America		Oceania		YEAR TOTAL[1]
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	
1954/55	1,234	3.6	10,175	29.7	5,205	15.2	8,446	24.7	4,079	11.9	4,714	13.8	337	1.0	34,232
1955/56	1,231	3.4	11,625	31.9	5,504	15.1	8,474	23.2	4,239	11.6	5,042	13.8	353	0.9	36,494
1956/57	1,424	3.5	13,429	33.0	6,005	14.8	9,110	22.4	4,763	11.9	5,444	13.4	424	1.0	40,666
1957/58	1,515	3.5	14,786	34.1	6,837	15.8	9,212	21.2	5,115	11.8	5,354	12.3	495	1.1	43,391
1958/59	1,735	3.7	16,486	34.9	6,606	14.0	10,249	21.7	5,956	12.6	5,512	11.6	612	1.3	47,245
1959/60	1,959	4.0	17,808	36.7	6,392	13.2	9,428	19.4	6,477	13.4	5,761	11.9	568	1.2	48,486
1960/61	2,831	5.3	19,988	37.6	6,702	12.6	9,626	18.1	7,096	13.4	6,128	11.6	658	1.2	53,107
1961/62	3,930	6.8	22,451	38.7	6,833	11.8	9,915	17.1	7,394	12.7	6,639	11.4	796	1.4	58,086
1962/63	4,996	7.7	24,728	38.2	7,923	12.2	11,021	17.0	7,887	12.2	7,089	11.0	948	1.5	64,705
1963/64	6,144	8.2	27,682	37.0	9,348	12.5	12,882	17.2	8,980	12.0	8,548	11.4	1,080	1.5	74,814
1964/65	6,855	8.4	30,640	37.4	10,108	12.3	13,657	16.6	9,977	12.1	9,338	11.4	1,265	1.5	82,045
1965/66	6,896	8.3	30,371	36.7	10,226	12.4	13,998	16.9	9,895	12.0	9,851	11.9	1,325	1.6	82,709
1966/67	7,170	7.2	34,999	34.9	14,207	14.2	18,182	18.1	11,401	11.4	12,230	12.2	1,635	1.6	100,262
1967/68	6,901	6.3	38,672	35.1	15,556	14.1	21,908	19.9	11,903	10.7	12,236	11.1	1,683	1.5	110,315
1968/69	6,979	5.8	44,212	36.4	16,453	13.6	23,438	19.3	12,338	10.2	12,948	10.7	1,869	1.5	121,362
1969/70	7,607	5.6	51,033	37.8	18,524	13.7	24,991	18.5	13,278	9.9	13,415	9.9	2,077	1.5	134,959
1970/71	8,734	6.0	56,459	39.0	18,306	12.7	29,300	20.2	14,840	10.3	12,732	8.8	1,995	1.4	144,708
1971/72	9,592	6.8	54,276	38.7	16,219	11.6	28,832	20.6	14,651	10.5	10,541	7.5	2,131	1.5	140,126
1972/73	11,465	7.8	56,486	38.7	16,296	11.2	28,383	19.4	16,278	11.1	9,805	6.7	2,107	1.4	146,097
1973/74	12,937	8.6	57,072	37.8	15,539	10.3	30,276	20.0	18,381	12.2	8,883	5.9	2,375	1.6	151,066
1974/75	18,400	11.9	58,460	37.8	13,740	8.9	26,270	17.0	23,910	15.5	8,630	5.6	2,650	1.7	154,580
1975/76	25,290	14.1	64,540	36.0	14,400	8.1	29,820	16.6	32,590	18.2	9,720	5.4	2,740	1.5	179,340
1976/77	25,860	12.7	70,020	34.5	16,700	8.2	37,240	18.4	38,490	18.9	11,420	5.6	3,150	1.6	203,070
1977/78	29,560	12.6	73,760	31.3	19,310	8.2	38,840	16.5	57,210	24.3	12,920	5.5	3,810	1.6	235,510
1978/79	33,990	12.9	76,850	29.1	21,690	8.2	41,120	15.6	70,430	26.6	15,520	5.9	4,150	1.6	263,940
1979/80	36,180	12.6	81,730	28.6	22,570	7.9	42,280	14.8	83,700	29.2	15,570	5.4	4,140	1.4	286,340
1980/81	38,180	12.2	94,640	30.4	25,330	8.1	49,810	16.0	84,710	27.2	14,790	4.7	4,180	1.3	311,880
1981/82	41,660	12.8	106,160	32.5	28,990	8.9	55,360	17.0	74,390	22.8	15,460	4.7	4,000	1.2	326,300
1982/83	42,690	12.7	119,650	35.5	31,570	9.4	56,810	16.9	67,280	19.9	14,570	4.3	4,040	1.2	336,990
1983/84	41,690	12.3	132,270	39.0	31,860	9.4	52,350	15.5	60,660	17.9	15,670	4.6	4,090	1.2	338,890
1984/85	39,520	11.6	143,680	42.0	33,350	9.7	48,560	14.2	56,580	16.5	15,960	4.7	4,190	1.2	342,110
1985/86	39,190	9.9	156,830	45.6	34,310	10.0	45,480	13.2	52,720	15.3	16,030	4.7	4,030	1.2	343,780
1986/87	31,580	9.1	170,700	48.8	36,140	10.3	43,480	12.4	47,000	13.4	16,300	4.7	4,230	1.2	349,610
1987/88	28,450	8.0	180,540	50.7	38,820	10.9	44,550	12.5	43,630	12.2	16,360	4.6	3,620	1.0	356,190
1988/89	26,430	7.2	191,430	52.2	42,770	11.7	45,030	12.3	40,200	11.0	16,730	4.6	3,610	1.0	366,350
1989/90	24,570	6.4	208,110	53.8	46,040	11.9	48,090	12.4	37,330	9.7	18,590	4.8	4,010	1.0	386,850
1990/91	23,800	5.9	229,830	56.4	49,640	12.2	47,580	11.8	33,420	8.1	18,950	4.6	4,230	1.0	407,530

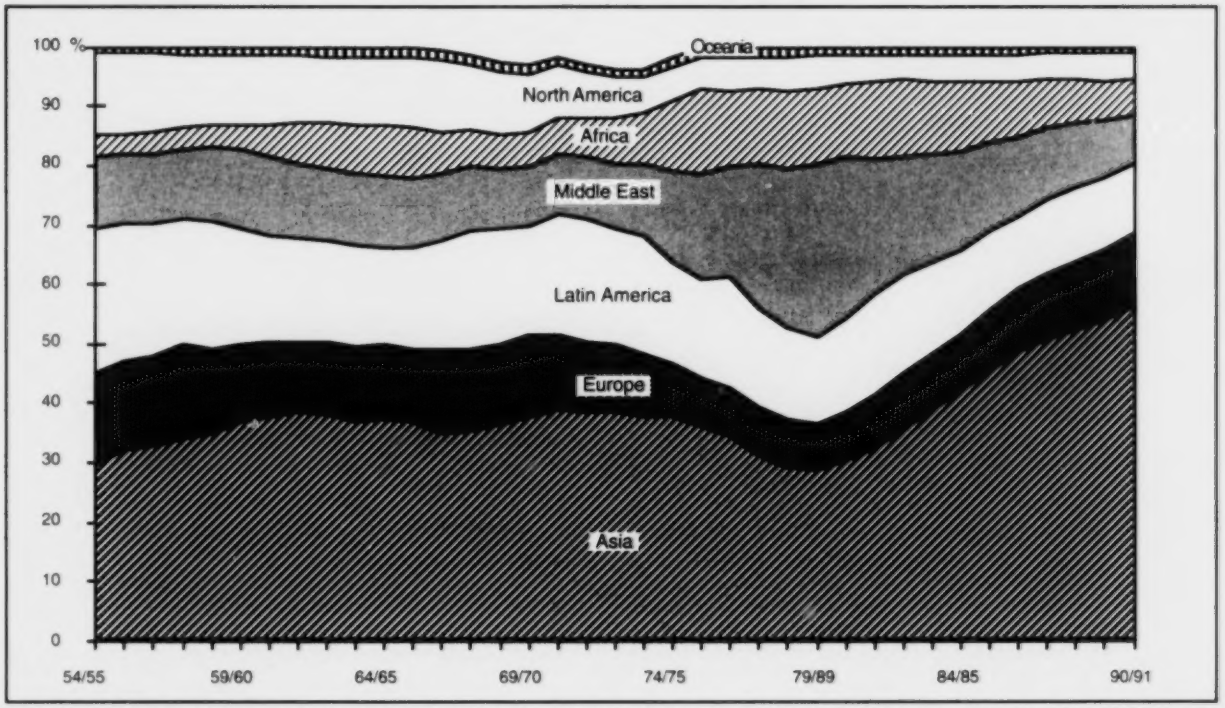
[1] *Includes students classified as stateless or of unknown origin.*

growth rate over that period of 7% and, between 1989/90 and 1990/91, 10.4%. As a result, the Asians' share of all foreign students has also increased steadily. In 1987/88 it was just over a half (50.7%) but by 1990/91 it had risen to 56.4% (**Table 2.1**).

Of the various Asian subregions, East Asia sent the greatest number of students to the United States. The 146,020 students from this subregion, 18,700 more than in the previous year, accounted for over six-tenths (63.5%) of all Asian students in the United States and, interestingly, over a third (35.8%) of all international students (**Table 2.2**). Southeast Asia was home to 41,440 or 18.0% of Asian students, a small decline of 2.0% from the previous year. The remaining 42,370 (18.5% of all Asian students) came from countries in South and Central Asia.

Trends. Asians have always had a strong presence among international students in the United States. With the exception of one year (1979), Asians have consistently constituted the largest regional group of international students, as data in **Table 2.1** and **Figure 2.B**

2.B
Foreign Students by World Region of Origin, 1954/55 - 1990/91



Totals do not add up to 100% for the late sixties and early seventies, because the relatively large numbers of students who were reported as being stateless or of unknown origin during that period are not included in the figure.

indicate. In the mid-fifties, they accounted for three of every ten students. In the following two decades, growing flows from this region substantially increased the Asian share, peaking at 39% in 1970/71. During the seventies, although absolute enrollments continued to increase, their share fell as student flows from the Middle East skyrocketed. In 1979/80, only 28.6% of all international students were from Asia, overtaken by Middle Easterners for the first and only time as the most populous regional group.

Since then, the pattern has reversed. A precipitous upsurge in Asian enrollments, coupled with plummeting student flows from the Middle East, have resulted in a steady growth in Asians' share of all international students. This share passed the halfway mark in 1987/88, and reached 56.4% last year, the largest percentage of students ever attributed to one region.

To grasp the magnitude of Asian student flows, it is helpful to compare them to flows from other world regions. For example, although the nearly 42,400 students from the subregion of South and Central Asia composed a mere18.5% of all Asian students, this number approximates the 49,640 students coming from the entire region of Europe, the second largest source of international students in this country (**Table 2.2**).

Leading Places in Asia. The biggest sender of foreign students from Asia, as shown in **Table 2.5**, was China, with 39,600 students. Japan followed closely behind, with 36,610 students. Taiwan, with 33,530, India, with 28,860, and the Republic of Korea, with 23,360, were the other major senders. Students from these areas accounted for seven of ten (70.4%) of the Asian foreign students (**Table 2.3**) and two-fifths (39.7%) of the entire foreign student population. Of particular interest is the fact that the world's top five sending countries of foreign students are all in Asia, as are ten of the top fifteen (see **Table 2.4** and **Table 2.5**).

Student flows from all of the largest Asian sending countries rose substantially last year, as revealed in **Tables 2.5** and **2.6**. The increase in Japanese flows is most remarkable; nearly 6,800 more Japanese students came last year than in 1989/90, a leap of 22.7%. Chinese enrollments expanded extensively as well; approximately 6,200 new students studied in the United States, 18.6% more than in the previous year. Similarly, Indian enrollments went up 10.0%, representing an additional 2,600 students. Student numbers from Taiwan and the Republic of Korea increased by more modest, though still significant, proportions of 8.3% and 7.6%, respectively. Malaysia was the only Asian country among the top 30

TABLE 2.2

Foreign Students by World Region and Subregion of Origin, 1989/90-1990/91

Region/ Subregion	1989/90		1990/91	
	Foreign Students	% of Region	Foreign Students	% of Region
Africa	**24,570**	**100.0**	**23,800**	**100.0**
Eastern Africa	7,330	29.8	7,590	31.9
Central Africa	1,800	7.3	1,650	6.9
North Africa	4,740	19.3	4,540	19.1
Southern Africa	2,750	11.2	2,840	11.9
West Africa	7,950	32.4	7,180	30.2
Asia	**208,110**	**100.0**	**229,830**	**100.0**
East Asia	127,320	61.2	146,020	63.5
South and Central Asia	38,840	18.7	42,370	18.5
Southeast Asia	41,950	20.1	41,440	18.0
Europe	**46,040**	**100.0**	**49,640**	**100.0**
Eastern Europe	3,360	7.3	4,780	9.6
Western Europe	42,680	92.7	44,860	90.4
Latin America	**48,090**	**100.0**	**47,580**	**100.0**
Caribbean	12,580	26.2	12,610	26.5
Central America	16,540	34.4	15,950	33.5
South America	18,970	39.4	19,020	40.0
Middle East	**37,330**	—	**33,420**	—
North America	**18,590**	—	**18,950**	—
Oceania	**4,010**	—	**4,230**	—
Stateless	**110**	—	**80**	—
All Foreign Students	**386,850**		**407,530**	

senders worldwide to contribute fewer students to the United States last year than in the past, continuing a trend that began in the late eighties. With a decline of 3.5% in 1990/91, 12.7% in 1989/90, 17% the prior year, and 10% in the previous two years, Malaysia dropped from second to seventh among all sending countries, though student flows from it appear to have almost leveled off.

Trends. The rank order of Asian countries sending the most students to the United States has changed over the years (**Table 2.3**). China displaced Taiwan as the leading sender in 1988/89, and now ranks as the leading sender not only from its region, but from the world (**Table 2.4**). Japan, long among the top five Asian places of origin, is now the second leading sender of foreign students in the world, having ranked third during the previous two years. Once the largest home country of Asia's foreign students, India fell to ninth place in the late seventies, but is now back up to fourth place. Malaysia, after a sudden and steep climb in the mid-eighties, has been losing ground in recent years, falling to seventh place in 1990/91.

EUROPEAN STUDENTS

For the first time since the Census began in 1954/55, European students now rank second among foreign students in the United States.

Europeans accounted for almost one-eighth (12.2%) of the foreign student population (**Tables 2.0** and **2.1**). The vast majority (90.4%) came from Western European countries, with a much smaller yet expanding number originating from Eastern Europe (**Table 2.2**). For six years in a row, European's share of all foreign students has exceeded 10% and is growing steadily. While this must be seen in the context of the declining numbers of Latin Americans, Middle Easterners and Africans, it is partly due to the constant increase in Europeans' absolute numbers, the average rate of growth being around 8% over the last six years.

Trends. With 49,640 students, the number of Europeans surpassed the number of Latin Americans, long holders of second place among international students here. Until the early seventies, Europeans made up the third largest regional group among foreign students, after Asians and Latin Americans. By the mid-seventies, they had fallen to fourth place, due both to shrinking numbers of European students and to increasing numbers of Middle Easterners. Since then flows from Europe rose steadily, and during the last decade, the European share of foreign students in the United States also rose.

Leading Countries in Europe. The rank order of the top five sending countries in Europe has not waivered over the last four years. As in the last two decades, the United Kingdom was the largest European source of foreign students coming to the United States, although its proportion is declining (**Table 2.3**). The 7,300 British students accounted for 14.7% of students from this region. Germany, which comprises both the former Federal Republic of Germany and the German Democratic Republic, was second again, sending 7,000 students or 14.1% of all Europeans, followed by France, with 5,630 students or 11.3%; Greece, with 4,360 students or 8.8%; and Spain, with 4,300 students or 8.7%. Almost six of every ten (57.6%) European foreign students in the United States came from these five nations.

Foreign student flows from all the major European sending countries grew this year, as shown in **Table 2.5**, though the increases varied greatly. On the high end, Spanish flows expanded by 18.1%, an actual increase of

TABLE 2.3

Percent Share of Foreign Students From Leading Countries or Other Places within World Region of Origin, Selected Years, 1954/55-1990/91

	Africa		Asia		Europe		Latin America		Middle East	
	Locality	%	Locality	%	Locality	%	Locality	%	Locality	%
1954/55										
	Egypt	28.4	China[1]	25.1	Greece	16.9	Colombia	15.4	Iran	24.4
	Nigeria	21.7	India	16.4	Germany, F. R.	14.6	Mexico	14.8	Israel	19.4
	Liberia	15.2	Japan	15.4	United Kingdom	13.6	Venezuela	10.4	Iraq	15.9
	South Africa	12.7	Philippines	14.5	France	9.1	Cuba	8.5	Jordan	14.9
	Ghana	6.6	Korea, Rep. of	11.8	Netherlands	7.2	Jamaica	6.3	Turkey	9.7
	TOTAL	**84.6**	**TOTAL**	**83.2**	**TOTAL**	**61.4**	**TOTAL**	**55.4**	**TOTAL**	**84.3**
1959/60										
	Egypt	25.0	China[1]	25.5	Greece	17.1	Mexico	14.4	Iran	38.7
	Nigeria	13.2	India	21.2	United Kingdom	15.5	Venezuela	11.9	Turkey	12.9
	South Africa	9.2	Korea, Rep. of	13.9	Germany, F. R.	11.3	Cuba	9.9	Israel	12.5
	Ethiopia	8.7	Japan	12.2	France	8.9	Jamaica	9.6	Iraq	10.4
	Liberia	8.7	Philippines	9.7	Italy	6.9	Colombia	7.3	Lebanon	9.1
	TOTAL	**64.8**	**TOTAL**	**82.5**	**TOTAL**	**59.7**	**TOTAL**	**53.1**	**TOTAL**	**83.6**
1964/65										
	Nigeria	20.2	India	22.2	United Kingdom	19.4	Cuba	11.5	Iran	37.3
	Egypt	18.7	Taiwan	22.1	Greece	15.3	Mexico	10.0	Israel	15.4
	Kenya	11.3	Japan	11.5	Germany, F. R.	14.9	Colombia	8.8	Turkey	10.7
	South Africa	5.7	Hong Kong	10.7	France	8.2	Jamaica	8.7	Iraq	9.2
	Liberia	4.6	Korea, Rep. of	8.5	Italy	6.4	Venezuela	8.6	Lebanon	7.0
	TOTAL	**60.5**	**TOTAL**	**74.6**	**TOTAL**	**64.2**	**TOTAL**	**47.6**	**TOTAL**	**79.6**
1969/70										
	Nigeria	24.3	Taiwan	23.6	United Kingdom	22.8	Cuba	18.0	Iran	39.0
	Egypt	13.3	India	22.2	Germany, F. R.	14.2	Mexico	10.0	Israel	17.2
	Ethiopia	7.1	Hong Kong	14.1	France	10.7	Colombia	8.2	Turkey	9.9
	Ghana	7.1	Thailand	8.6	Greece	9.8	Venezuela	6.9	Saudi Arabia	7.7
	Kenya	6.5	Japan	8.1	Italy	6.3	Jamaica	5.4	Lebanon	7.7
	TOTAL	**58.3**	**TOTAL**	**76.6**	**TOTAL**	**63.8**	**TOTAL**	**48.5**	**TOTAL**	**81.5**
1974/75										
	Nigeria	39.2	Hong Kong	18.9	United Kingdom	20.1	Mexico	15.2	Iran	57.6
	Ethiopia	11.1	Taiwan	17.5	Greece	13.7	Venezuela	10.2	Israel	10.0
	Ghana	7.3	India	16.5	Germany, F. R.	11.7	Colombia	9.1	Lebanon	6.6
	Egypt	5.3	Thailand	10.7	France	11.7	Brazil	7.5	Saudi Arabia	6.4
	Libya	5.3	Japan	10.1	Italy	5.2	Jamaica	6.8	Turkey	5.9
	TOTAL	**68.2**	**TOTAL**	**73.7**	**TOTAL**	**62.4**	**TOTAL**	**48.8**	**TOTAL**	**86.5**
1979/80										
	Nigeria	45.2	Taiwan	21.5	United Kingdom	19.0	Venezuela	23.3	Iran	61.3
	Libya	8.4	Japan	15.0	Germany, F. R.	13.3	Mexico	13.4	Saudi Arabia	11.4
	Kenya	5.1	Hong Kong	12.1	Greece	13.3	Colombia	7.6	Lebanon	7.2
	Ghana	5.0	India	10.7	France	10.0	Brazil	6.9	Jordan	5.6
	Egypt	4.6	Thailand	8.0	Italy	4.9	Jamaica	5.1	Israel	3.3
	TOTAL	**68.3**	**TOTAL**	**67.3**	**TOTAL**	**65.4**	**TOTAL**	**56.3**	**TOTAL**	**88.8**
1984/85										
	Nigeria	46.5	Taiwan	15.7	United Kingdom	18.1	Venezuela	21.2	Iran	29.4
	Egypt	6.1	Malaysia	15.1	Greece	14.6	Mexico	11.8	Saudi Arabia	13.7
	Ethiopia	5.4	Korea, Rep. of	11.4	Germany, F. R.	12.6	Colombia	8.4	Lebanon	12.3
	Kenya	4.8	India	10.2	France	10.2	Brazil	5.7	Jordan	11.9
	South Africa	4.1	Japan	9.2	Norway	5.4	Jamaica	4.5	Kuwait	7.0
	TOTAL	**66.9**	**TOTAL**	**61.6**	**TOTAL**	**60.9**	**TOTAL**	**51.6**	**TOTAL**	**74.3**
1990/91										
	Nigeria	15.6	China	17.2	United Kingdom	14.7	Mexico	14.2	Iran	18.7
	Kenya	9.9	Japan	15.9	Germany	14.1	Brazil	8.2	Jordan	12.9
	South Africa	9.1	Taiwan	14.6	France	11.3	Colombia	6.7	Turkey	12.2
	Ethiopia	8.4	India	12.6	Greece	8.8	Venezuela	6.1	Lebanon	11.7
	Egypt	7.5	Korea, Rep. of	10.2	Spain	8.7	Peru	5.9	Saudi Arabia	10.7
	TOTAL	**50.5**	**TOTAL**	**70.5**	**TOTAL**	**57.6**	**TOTAL**	**41.1**	**TOTAL**	**66.2**

[1]*Refers to Taiwan, Hong Kong, and Macao.*

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660 students. France sent 290 and Germany 250 additional students for 5.4% and 3.7% increases, respectively. On the low end, British enrollments grew by just 200 students (2.8%) and Greek enrollments fell by 70 students (1.6%).

Once again, in order to understand the relative magnitude of student migrations from various nations, absolute numbers are more revealing than percentages. Thus, it should be kept in mind that the combined total of students from the top five countries in Europe (28,590) amounts to less than the numbers from either China, Japan, or Taiwan, as can be seen in **Table 2.5**.

Trends. Four countries—France, Germany, Greece, and the United Kingdom—have dominated Europe's top sender list over the 37-year history of the Census, although rankings among them have differed. For the first several years, Greece was home to the majority of European students in the United States. In the mid-sixties, it was displaced by the United Kingdom, which has remained the top source to the present (**Table 2.3**). A number of countries, notably Italy and the Netherlands, have occupied fifth place. Spain, a latecomer among the top five, has held fifth position for several years now.

LATIN AMERICAN STUDENTS

The number of Latin American students in the United States fell from second to third place last year, comprising a population only one-fifth as large as that of the most populous group, the Asians. A total of 47,580 Latin Americans studied here, 1.1% or 510 fewer than in 1989/90 (**Table 2.0**). They constituted one-eighth (11.7%) of the total foreign student population (**Table 2.1**). No single Latin American subregion was home to disproportionately large numbers of foreign students in the United States. As **Table 2.2** shows, four out of ten students (40.0%) were from South America, three out of ten (33.5%) from Central America, and the remaining 26.5% from the Caribbean countries.

Trends. Numerically, Latin Americans held second place among foreign students until the mid-seventies, when Middle Easterners displaced them (**Table 2.1**). In subsequent years, Latin American enrollments fell to third place and stayed there until 1987/88, when faster declines in the number of Middle Easterners put them once again in second place.

Leading Countries in Latin America. Of all Latin American nations, Mexico sent the most foreign students to the United States last year. Totaling 6,740, Mexicans accounted for 14.2% of all students from this region (**Tables 2.3** and **2.5**). Their number was nearly twice that of the next leading group, the Brazilians, who, at 3,900, accounted for 8.2% of the regional total. Other large national groups were the 3,180 Colombians, the 2,890 Venezuelans, and the 2,800 Peruvians. The national origins of Latin Americans were more heterogeneous than those of any other regional groups, the students from the five largest Latin American senders accounting for only 41.1% of the regional total. In all other world regions, students from the leading countries accounted for at least one-half of the regional total (**Table 2.3**).

Although Latin American student enrollments in the United States declined overall, four of the region's top sender countries actually sent more students to the United States than in the previous year. Mexican enrollments rose by 3.1% and Brazilian enrollments by 4.6%, an increase of 200 and 170 students, respectively. Venezuelan enrollments grew by 150 students or 5.5%, and the number of Peruvians went up by 50 for a 1.8% increase. On the other hand, Colombian enrollments shrank slightly by 4.2%, and Jamaican enrollments suffered a drastic decline of 14% or 400 students. After holding a steady fifth place for decades and fourth place as recently as 1989/90, Jamaica fell from the ranks of the region's top five sender countries last year.

Trends. Until recently, Colombia, Jamaica, Mexico, and Venezuela have been consistently among the top five Latin American countries of origin. However, Venezuela, the region's top sending country in the early eighties, fell from the top five in the late eighties due to severe shrinking of its student flows. It regained fourth place last year with a 5.5% increase. Jamaica's sudden falling from the ranks to sixth place marks a curious deviation after holding fourth or fifth place for most of the survey's history. Cuba, which led the region in 1964/65, disappeared from the top five by 1974/75. Peru, in fifth place, regained its position as one of the top five senders after slipping down the list in 1988/89. It does not lag far behind Venezuela in fourth place, which sent only 90 students more than Peru last year (**Table 2.7**).

MIDDLE EASTERN STUDENTS

Middle Easterners, once the second largest group of international students in the United States, have held fourth place for the past three years. They were superceded, first by Latin Americans in 1987/88, then by Europeans in 1988/89. The 33,420 students from this region accounted for 8.1% of all international students. For the tenth year in a row, Middle Eastern numbers fell substantially; there were 3,910 or 10.5% fewer of these students in 1990/91 than in the previous year and 51,290

TABLE 2.4

Leading Countries or Other Places of Origin of Foreign Students and Percent Share, Selected Years, 1954/55-1990/91

1954/55			1959/60			1964/65		
Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total
1. Canada	4,655	13.6	1. Canada	5,679	11.7	1. Canada	9,253	11.3
2. China[1]	2,553	7.5	2. China[1]	4,546	9.4	2. India	6,813	8.3
3. India	1,673	4.9	3. India	3,772	7.8	3. Taiwan	6,780	8.3
4. Japan	1,572	4.6	4. Iran	2,507	5.2	4. Iran	3,719	4.5
5. Philippines	1,476	4.3	5. Korea, Rep. of	2,474	5.1	5. Japan	3,386	4.1
6. Colombia	1,301	3.8	6. Japan	2,168	4.5	6. Hong Kong	3,279	4.0
7. Mexico	1,247	3.6	7. Philippines	1,722	3.6	7. Korea, Rep. of	2,604	3.2
8. Korea, Rep. of	1,197	3.5	8. Mexico	1,356	2.8	8. Philippines	2,473	3.0
9. Iran	997	2.9	9. Venezuela	1,126	2.3	9. United Kingdom	1,959	2.4
10. Venezuela	882	2.6	10. Greece	1,095	2.3	10. Thailand	1,630	2.0
11. Greece	881	2.6	11. Thailand	1,006	2.1	11. Cuba	1,565	1.9
12. Israel	790	2.3	12. United Kingdom	993	2.0	12. Greece	1,543	1.9
13. Germany, F. R.	759	2.2	13. Cuba	935	1.9	13. Israel	1,539	1.9
14. Cuba	717	2.1	14. Jamaica	902	1.9	14. Germany, F. R.	1,504	1.8
15. United Kingdom	710	2.1	15. Turkey	835	1.7	15. Nigeria	1,382	1.7
TOTAL	21,410	62.6	TOTAL	31,116	64.3	TOTAL	49,429	60.3

1969/70			1974/75			1979/80		
Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total
1. Canada	13,318	9.9	1. Iran	13,780	8.9	1. Iran	51,310	17.9
2. Taiwan	12,029	8.9	2. Hong Kong	11,060	7.2	2. Taiwan	17,560	6.1
3. India	11,327	8.4	3. Taiwan	10,250	6.6	3. Nigeria	16,360	5.7
4. Hong Kong	7,202	5.3	4. India	9,660	6.2	4. Canada	15,130	5.2
5. Iran	5,175	3.8	5. Canada	8,430	5.5	5. Japan	12,260	4.3
6. Cuba	4,487	3.3	6. Nigeria	7,210	4.7	6. Hong Kong	9,900	3.5
7. Thailand	4,372	3.2	7. Thailand	6,250	4.0	7. Venezuela	9,860	3.4
8. United Kingdom	4,216	3.1	8. Japan	5,930	3.8	8. Saudi Arabia	9,540	3.3
9. Japan	4,156	3.1	9. Mexico	4,000	2.6	9. India	8,760	3.1
10. Korea, Rep. of	3,991	3.0	10. Korea, Rep. of	3,390	2.2	10. Thailand	6,500	2.3
11. Philippines	2,782	2.1	11. Pakistan	3,140	2.0	11. Lebanon	6,040	2.1
12. Germany, F. R.	2,634	2.0	12. United Kingdom	2,770	1.8	12. Mexico	5,650	2.0
13. Mexico	2,501	1.9	13. Venezuela	2,680	1.7	13. Vietnam	5,050	1.8
14. Israel	2,288	1.7	14. Israel	2,390	1.5	14. Korea, Rep. of	4,890	1.7
15. Colombia	2,045	1.5	15. Colombia	2,380	1.5	15. Jordan	4,720	1.6
TOTAL	82,523	61.2	TOTAL	93,320	60.2	TOTAL	183,530	64.0

1984/85			1989/90			1990/91		
Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total	Locality	Foreign Students	% of Total
1. Taiwan	22,590	6.6	1. China	33,390	8.6	1. China	39,600	9.7
2. Malaysia	21,720	6.3	2. Taiwan	30,960	8.0	2. Japan	36,610	9.0
3. Nigeria	18,370	5.4	3. Japan	29,840	7.7	3. Taiwan	33,530	8.2
4. Iran	16,640	4.9	4. India	26,240	6.8	4. India	28,860	7.1
5. Canada	16,430	4.8	5. Korea, Rep. of	21,710	5.6	5. Korea, Rep. of	23,360	5.7
6. Korea, Rep. of	15,370	4.5	6. Canada	17,870	4.6	6. Canada	18,350	4.5
7. India	14,610	4.3	7. Malaysia	14,110	3.6	7. Malaysia	13,610	3.3
8. Venezuela	13,160	3.8	8. Hong Kong	11,230	2.9	8. Hong Kong	12,630	3.1
9. Japan	10,290	3.0	9. Indonesia	9,390	2.4	9. Indonesia	9,520	2.3
10. Hong Kong	10,130	3.0	10. Iran	7,440	1.9	10. Pakistan	7,730	1.9
11. China	10,100	3.0	11. United Kingdom	7,100	1.8	11. United Kingdom	7,300	1.8
12. Saudi Arabia	7,760	2.3	12. Pakistan	7,070	1.8	12. Thailand	7,090	1.7
13. Thailand	7,220	2.1	13. Germany, F. R.	6,750	1.7	13. Germany	7,000	1.7
14. Jordan	7,190	2.1	14. Thailand	6,630	1.7	14. Mexico	6,740	1.7
15. Lebanon	6,940	2.0	15. Mexico	6,540	1.7	15. Iran	6,260	1.5
TOTAL	198,520	58.1	TOTAL	236,270	60.8	TOTAL	258,190	63.2

[1]*Refers to Taiwan, Hong Kong, and Macao.*

fewer than ten years ago (**Tables 2.0** and **2.1**). This represents the largest numerical decline for any regional group last year.

Trends. The Middle East has historically been an abundant source of foreign students. From the mid-fifties to the mid-seventies it provided more or less one-eighth of the U.S. international student population. The number of Middle Eastern students rose very rapidly in the latter half of the seventies, mainly due to increased flows from Iran and other OPEC countries. These increases peaked in 1979/80, when Middle Easterners accounted for about 30.0% of all foreign students. Since 1980/81, their numbers have fallen rapidly and steadily, primarily due to declining numbers of Iranians and Saudi Arabians. Last year marked only the third time since 1954/55 that Middle Easterners composed less than 10% of the total foreign student population.

Leading Countries in the Middle East. Despite the continuing ebbing of their enrollments, Iranians remained the largest group of students from the Middle East last year, accounting for approximately one-fifth (18.7%) of all Middle Eastern students (**Table 2.3**). A total of 6,260 Iranians were attending U.S. institutions of higher education, 1,180 fewer than in the previous year. Other Middle Eastern countries with substantial numbers of students here include Jordan with 4,320 students or 12.9% of all students from this region, Turkey with 4,080 or 12.2%, Lebanon with 3,900 or 11.7%, and Saudi Arabia with 3,590 or 10.7%. Students from these countries accounted for two-thirds (66.2%) of the total Middle Eastern student population (**Tables 2.3** and **2.5**).

Trends. Iran has been the leading Middle Eastern sender of students to the United States throughout the history of the Census. However, the Iranian share of all Middle Eastern students has dropped drastically since a high point in 1979/80, when the 51,310 Iranians here accounted for more than six-tenths (61.3%) of the regional total. By contrast, last year only 6,260 remained, accounting for a mere 18.7% (**Tables 2.3**). Student numbers from most other Middle Eastern countries also fell further last year. The Saudi Arabian group shrank by 12.7%. The Lebanese presence decreased by 12.4%, and Jordanian representation declined steeply by 17.7%. Turkish enrollments, however, leaped ahead by an impressive 20% (**Table 2.5**).

AFRICAN STUDENTS

African enrollments continued to decline in 1990/91, falling from 24,570 in 1989/90 to 23,800 last year, marking a 3.1% drop (**Table 2.0**). Africans accounted for just 5.8% of all foreign students, the lowest percentage in the past two decades. This marks the ninth straight year of plunging student enrollments from Africa (**Table 2.1**). West Africans, traditionally the largest subgroup among Africans, experienced the greatest loss, with 770 fewer of them here in 1990/91 than in the previous year. North African and Central African enrollments also went down, but by a lower rate (**Table 2.2**).

Trends. As **Table 2.1** shows, the history of the African student population in the United States is complex. Originally, a very small component in the overall U.S. foreign student picture, the share of Africans rose to between 6% and 8% in the late sixties and early seventies. Between 1973/74 and 1975/76, African enrollments doubled and Africans' share of foreign students jumped to 14.1%, chiefly due to the sudden inflow of vast numbers of Nigerian students. The flow of African students rose in the next seven years, but their share of the foreign student population fell slightly and remained around 12%. Since 1982/83, however, considerably fewer Africans have been coming to the United States, their numbers plummeting by over 18,000 and their share falling back into the 6% range.

Leading Countries in Africa. Despite the drastic decline in their numbers last year, the 3,710 Nigerians remaining in the United states last year were still the largest group (15.6%) of African students. Kenyans, now the second largest group at 2,360, made up 9.9% of the all African students. South Africa was the third largest source of foreign students from this region, with 2,170 students, accounting for 9.1% of the African total, followed by Ethiopia, with 2,000 students or 8.4%; and Egypt, with 1,780 students or 7.5% (**Table 2.3** and **Table 2.7**). Of the other African countries, only Ghana, Morocco, and Cameroon had as many as 1,000 students in this country (**Table 2.7**).

Trends. Long-term enrollment trends for African national groups have, until recently, been characterized by increasingly larger shares of students held by Nigerians and correpondingly smaller shares held by Egyptians, as an examination of **Table 2.3** reveals. During the fifties, Egypt was the source of one-quarter of all students from Africa, while Nigeria provided a little over one-eighth. Twenty years later, nearly half of all Africans studying in the United States (45.2%) were Nigerian and a mere 4.6% Egyptian. This pattern held until the mid-eighties. However, in the late eighties, Nigerian shares have plunged, while those of Egypt, Kenya, and Ethiopia have slowly increased.

TABLE 2.5

Leading Countries or Other Places of Origin of Foreign Students and Percent Change, 1989/90-1990/91

Rank			Foreign Students		
1989/90	1990/91	Locality	1989/90	1990/91	% Change
1	1	China	33,390	39,600	18.6
3	2	Japan	29,840	36,610	22.7
2	3	Taiwan	30,960	33,530	8.3
4	4	India	26,240	28,860	10.0
5	5	Korea, Rep. of	21,710	23,360	7.6
6	6	Canada	17,870	18,350	2.7
7	7	Malaysia	14,110	13,610	-3.5
8	8	Hong Kong	11,230	12,630	12.5
9	9	Indonesia	9,390	9,520	1.4
12	10	Pakistan	7,070	7,730	9.3
11	11	United Kingdom	7,100	7,300	2.8
14	12	Thailand	6,630	7,090	6.9
13	13	Germany	6,750	7,000	3.7
15	14	Mexico	6,540	6,740	3.1
10	15	Iran	7,440	6,260	-15.9
16	16	France	5,340	5,630	5.4
21	17	Singapore	4,440	4,500	1.4
22	18	Greece	4,430	4,360	-1.6
17	19	Jordan	5,250	4,320	-17.7
25	20	Spain	3,640	4,300	18.1
18	21	Philippines	4,540	4,270	-5.9
26	22	Turkey	3,400	4,080	20.0
24	23	Brazil	3,730	3,900	4.6
20	24	Lebanon	4,450	3,900	-12.4
19	25	Nigeria	4,480	3,710	-17.2
23	26	Saudi Arabia	4,110	3,590	-12.7
27	27	Colombia	3,320	3,180	-4.2
28	28	Israel	2,910	2,980	2.4
31	29	Venezuela	2,740	2,890	5.5
30	30	Peru	2,750	2,800	1.8
		TOTAL	295,800	316,600	7.0
		% of Year Total	76.5	77.7	
		YEAR TOTAL	386,850	407,530	5.3

NORTH AMERICAN AND OCEANIAN STUDENTS

A total of 18,950 North Americans came to the United States last year, 1.9% more than in 1989/90 (**Tables 2.0** and **2.1**). Almost 97% of them were Canadian, who alone represented 4.5% of the total foreign student population. Canadian enrollments grew by 480 last year, up 2.7%. This growth is relatively small compared to the previous year's 11.5% expansion.

Trends. Over the history of the Census, despite a four-fold increase in their numbers, the Canadian share has shrunk. Thus, while 4,714 North Americans accounted for 13.8% of all foreign students in the United States in 1954/55, 18,950 such students accounted for a mere 4.6% in the past year. Actual enrollments hovered around 16,000 throughout the eighties, but interestingly, they rose substantially in 1989/90 and more slowly last year.

Oceanian students, that is, students from Australia, New Zealand, and the Pacific Islands, composed by far the smallest regional group. However, their enrollments in U.S. institutions of higher education increased last year, going from 4,010 in 1989/90 to 4,230 in 1990/91, for a 5.5% rise. These students now represent a mere 1% of the foreign student population, a steadily declining share since the late seventies.

STUDENTS FROM LEADING COUNTRIES WORLDWIDE

This section focuses on individual countries that sent the largest numbers of foreign students to the United States. While in the previous section we concentrated on the five leading senders from each world region, here we focus on the 30 leading senders worldwide. Therefore, this section includes more than ten Asian countries or other places, but only one from Africa. **(Enrollments for countries not included in this section can be found in Appendix A.2).**

Over three-quarters (77.7%) of international students in the United States came from just 30 countries around the world (**Table 2.5**). Twelve of the thirty largest sources of incoming students, including all of the top five and nine of the top ten, were in Asia. Six were from the Middle East, five from Europe, five from Latin America, and one each from Africa and North America. None of the top thirty sources were in Oceania (**Table 2.5**).

Places With the Most Foreign Students in the United States. The largest group of international students in this country last year were the Chinese, numbering 39,600, up 18.6% from the year before. This large increase is surprising, given recent Chinese government policy aimed at restricting the outflow of degree students. Students from Japan were again the second largest group of foreign students, their numbers jumping to 36,610, a 22.7% leap from the previous year. It is interesting to note that since 1987/88, the number of students coming from Japan has more than doubled, an addition of 18,560. Taiwan fell from second to third place, though it sent an additional 2,570 students for a 1990/91 total of 33,530. India, with the third largest numerical increase of students (2,620), remained fourth on the

TABLE 2.6

Leading Countries or Other Places of Origin of Foreign Students Ranked by Percent Change, 1989/90-1990/91

	Foreign Students		Change	
Country	1989/90	1990/91	Number	%
Japan	29,840	36,610	6,770	22.7
Turkey	3,400	4,080	680	20.0
China	33,390	39,600	6,210	18.6
Spain	3,640	4,300	660	18.1
Hong Kong	11,230	12,630	1,400	12.5
India	26,240	28,860	2,620	10.0
Pakistan	7,070	7,730	660	9.3
Taiwan	30,960	33,530	2,570	8.3
Korea, Rep. of	21,710	23,360	1,650	7.6
Thailand	6,630	7,090	460	6.9
Venezuela	2,740	2,890	150	5.5
France	5,340	5,630	290	5.4
Brazil	3,730	3,900	170	4.6
Germany	6,750	7,000	250	3.7
Mexico	6,540	6,740	200	3.1
United Kingdom	7,100	7,300	200	2.8
Canada	17,870	18,350	480	2.7
Israel	2,910	2,980	70	2.4
Peru	2,750	2,800	50	1.8
Singapore	4,440	4,500	60	1.4
Indonesia	9,390	9,520	130	1.4
Greece	4,430	4,360	-70	-1.6
Malaysia	14,110	13,610	-500	-3.5
Colombia	3,320	3,180	-140	-4.2
Philippines	4,540	4,270	-270	-5.9
Lebanon	4,450	3,900	-550	-12.4
Saudi Arabia	4,110	3,590	-520	-12.7
Iran	7,440	6,260	-1,180	-15.9
Nigeria	4,480	3,710	-770	-17.2
Jordan	5,250	4,320	-930	-17.7
TOTAL	**295,800**	**316,600**	**20,800**	**7.0**
% of Year Total	**76.5**	**77.7**		
YEAR TOTAL	**386,850**	**407,530**	**20,680**	**5.3**

overall list, followed by the Republic of Korea with 23,360 students. The only change in rank among the top five countries occurred between Japan and Taiwan, with Japan moving from third to second place, and Taiwan falling from second to third place in 1990/91.

Those among the ten largest senders changed somewhat. Iranian enrollments fell by 1,180 students or 15.9% last year, pushing Iran off the top ten senders list. Pakistan, however, moved from twelfth to tenth place with a 9.3% increase of 660 students. Among the remaining top 30 senders, some interesting shifts in rank occurred last year. Greece jumped up from twenty-second to eighteenth place even though the actual number of students sent from Greece declined by 70. Turkey surged from twenty-sixth place to twenty-second, with an outstanding 20.0% increase in students, a less impressive 680 in actual numbers. Conversely, Nigeria's student enrollments plummeted from nineteenth to twenty-fifth place, revealing a decline of 17.2% or 770 in actual numbers. Lebanon also reduced its standing, dipping from twentieth to twenty-fourth place with a drop of 12.4% or 550 students.

Beyond knowing which countries provide the largest numbers of foreign students, it is interesting to examine where the most dramatic changes in flows occur from year to year. In **Table 2.6**, the top 30 countries or other places of origin are ranked according to percent change in their student numbers from 1989/90 to 1990/91. As can be seen, foreign student flows from six countries increased by 10% or more. Japan's student flow surged ahead, with 22.7% more Japanese students studying in the United States last year than in the previous year. This marks the third year in a row that Japanese enrollments expanded at a considerably higher rate than any other major sending country's. The number of students coming from Turkey also went up substantially; 20.0% more Turkish students came here last year, making this the second highest increase. Chinese enrollments went up by an impressive 18.6% or 6,210 students, and Spain witnessed a similar increase of 18.1%, an actual number of 660. Hong Kong's enrollments expanded by 12.5% or 1,400 students.

As the numbers of foreign students from some countries went up, the numbers from other countries went down. Flows from five nations shrank by more than 10%. The three largest declines occurred among Jordanian, Nigerian, and Iranian students with decreases of 17.7%, 17.2%, and 15.9%, respectively. These figures represent continuing trends for all three places of origin. Saudi Arabian and Lebanese enrollments also shrank considerably by 12.7% and 12.4%, respectively.

Countries Sending More than 1,000 Foreign Students. A relatively large number of countries, 67, had more than 1,000 students studying in the United States last year, as indicated in **Table 2.7**. Sixteen countries or other places sent more than 5,000, eight sent more than 10,000, five sent more than 20,000, and three sent more than 30,000 students. More than nine-tenths (92.8%) of all international students in this country came from these 67 places of origin. These figures remained relatively stable for several years, but recently have begun to increase slightly.

TABLE 2.7

Countries and Other Places with 1,000 or More Students in the U.S., 1990/91

Rank	Locality	Foreign Students
1	China	39,600
2	Japan	36,610
3	Taiwan	33,530
4	India	28,860
5	Korea, Rep. of	23,360
6	Canada	18,350
7	Malaysia	13,610
8	Hong Kong	12,630
9	Indonesia	9,520
10	Pakistan	7,730
11	United Kingdom	7,300
12	Thailand	7,090
13	Germany	7,000
14	Mexico	6,740
15	Iran	6,260
16	France	5,630
17	Singapore	4,500
18	Greece	4,360
19	Jordan	4,320
20	Spain	4,300
21	Philippines	4,270
22	Turkey	4,080
23	Brazil	3,900
24	Lebanon	3,900
25	Nigeria	3,710
26	Saudi Arabia	3,590
27	Colombia	3,180
28	Israel	2,980
29	Venezuela	2,890
30	Peru	2,800
31	Bangladesh	2,530
32	Jamaica	2,450
33	Italy	2,390
34	Kenya	2,360
35	Norway	2,350
36	Sri Lanka	2,320
37	Nicaragua	2,290
38	Trinidad & Tobago	2,240
39	South Africa	2,170
40	Netherlands	2,030
41	Sweden	2,030
42	Panama	2,010
43	Ethiopia	2,000
44	Argentina	1,910
45	Australia	1,910
46	Bahamas	1,850
47	Egypt	1,780
48	Cyprus	1,710
49	Kuwait	1,620
50	Haiti	1,450
51	Vietnam	1,400
52	United Arab Emirates	1,350
53	Switzerland	1,340
54	Honduras	1,310
55	Syria	1,280
56	Ireland	1,240
57	Poland	1,240
58	El Salvador	1,210
59	U.S.S.R.	1,210
60	Yugoslavia	1,200
61	Ecuador	1,130
62	Chile	1,100
63	Costa Rica	1,100
64	Ghana	1,100
65	Cuba	1,080
66	Morocco	1,070
67	Cameroon	1,020
TOTAL		378,380

3. ACADEMIC CHARACTERISTICS

FIELD OF STUDY

For the second consecutive year, business and management, not engineering–long the favorite among foreign students–was the most popular field of study. As **Table 3.0** indicates, it enrolled 79,670 students, just under one-fifth (19.5%) of the entire international student population. While the slowed rate of growth in engineering enrollments (only a 1.0% increase in 1989/90 and 0.3% in 1990/91) plays a large part in this shift, certainly the current worldwide emphasis on development of economies and expansion of trade is also a factor, resulting in a 5.4% growth in this major. Another contributing factor is the large number of Japanese students coming to study in this country, a large proportion of whom major in business fields[1]. Engineering, in spite of the upsurges in business enrollments, was still very popular among foreign students, enrolling 73,620 of them, a full 18%.

With business/management and engineering fields drawing nearly 40% of the foreign students, as seen in **Figure 3.A**, demand for other fields of study lagged behind; no one field enrolled more than 10%. Math and computer science drew 9%, the physical and life sciences drew 8.7% and the "other" field, which includes such areas as liberal/general studies, law, and communications, followed with 8.6%. The social sciences were sixth last year with 7.6%. **(The subfields each major field of study comprises can be found in Table 3.0).**

The proportions of foreign students choosing the most popular fields have remained relatively stable in the recent past. Enrollments in other fields, however, fluctuated during this time, as is illustrated in **Table 3.0**. Education, which experienced no growth at all between 1988/89 and 1989/90, gained over 1,000 students in 1990 for an increase of 9.5%. Other non-science fields experienced large enrollment growth as well. The fine and applied arts, which in 1989/90 enrolled 17,450 students, grew by 9.1% for a 1990/91 total of 19,040. (Within the fine arts, the subfield of industrial arts more than doubled, surging from 590 to 1,190 in this period). The social sciences also saw considerable growth, enrolling 2,230 more foreign students than in the previous

[1] *See* Profiles 1989/90: Detailed Analyses of the Foreign Student Population. *Institute of International Education, 1991, p. 11.*

3.A
Foreign Students by Field of Study, 1990/91

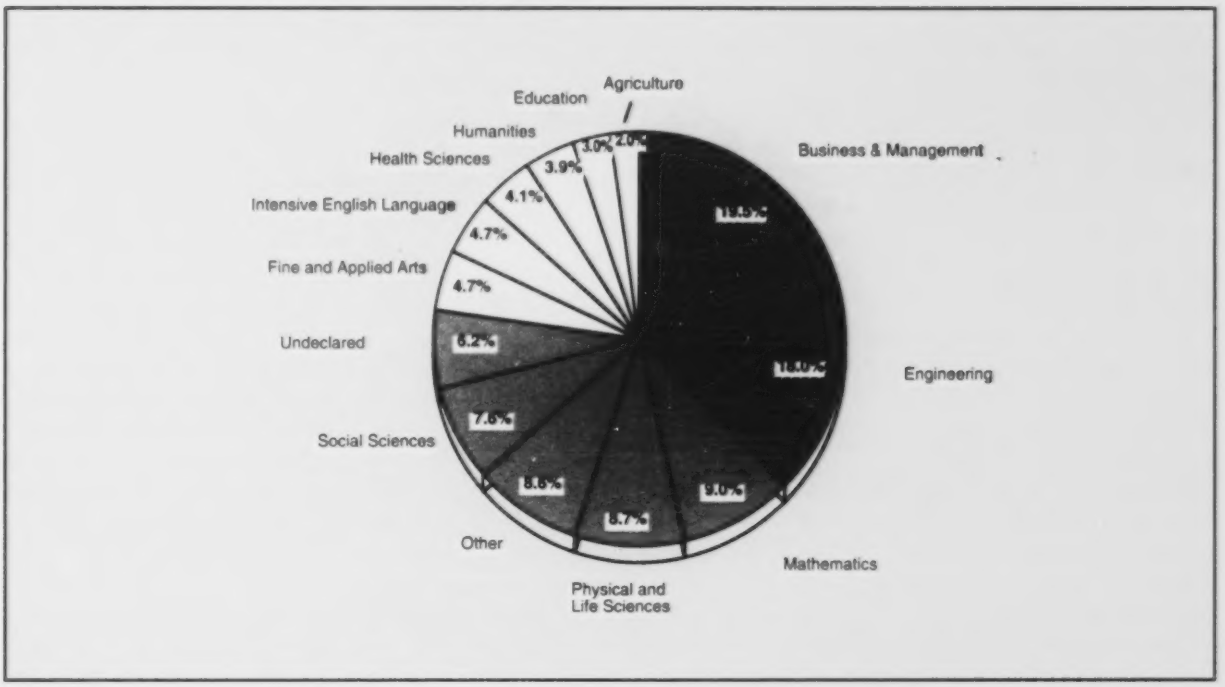


TABLE 3.0

Foreign Students by Field and Subfield of Study and Percent Change, 1988/89-1990/91

Field of Study	1988/89			1989/90			1990/91		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
AGRICULTURE, TOTAL	**8,370**	**2.3**	**5.5**	**8,310**	**2.1**	**-0.7**	**8,080**	**2.0**	**-2.8**
Agricultural Sciences	5,040	1.4	4.6	5,170	1.3	2.6	5,060	1.2	-2.1
Agribusiness and Agricultural Production	2,210	0.6	6.3	1,950	0.5	-11.8	2,020	0.5	3.6
Renewable Natural Resources	1,120	0.3	8.7	1,190	0.3	6.3	1,000	0.3	-16.0
BUSINESS AND MANAGEMENT, TOTAL	**69,320**	**18.9**	**3.5**	**75,570**	**19.5**	**9.0**	**79,670**	**19.5**	**5.4**
Business and Management, General	61,770	16.9	3.1	67,380	17.4	9.1	71,250	17.4	5.7
Business and Office	3,800	1.0	—	3,620	0.9	-4.7	4,420	1.1	22.1
Marketing and Distribution	3,410	0.9	16.0	3,620	0.9	6.2	3,630	0.9	0.3
Consumer, Personal and Misc. Services	340	0.1	9.7	950	0.3	179.4	370	0.1	-61.1
EDUCATION	**11,210**	**3.1**	**0.6**	**11,210**	**2.9**	**0.0**	**12,280**	**3.0**	**9.5**
ENGINEERING, TOTAL	**72,710**	**19.8**	**-1.6**	**73,420**	**19.0**	**1.0**	**73,620**	**18.0**	**0.3**
Engineering, General	63,000	17.3	0.3	63,370	16.4	0.6	65,060	16.0	2.7
Engineering-Related Technologies	8,540	2.3	-13.7	8,590	2.2	0.6	7,290	1.8	-15.1
Transportation and Material Moving	480	0.1	-9.4	780	0.2	62.5	590	0.1	-24.4
Mechanics and Repairers	380	0.1	18.8	310	0.1	-18.4	360	0.1	16.1
Construction Trades	170	—	-22.7	220	0.1	29.4	170	—	-22.7
Precision Production	140	—	16.7	150	0.0	7.1	150	—	0.0
FINE AND APPLIED ARTS, TOTAL	**16,740**	**4.6**	**5.5**	**17,450**	**4.5**	**4.2**	**19,040**	**4.7**	**9.1**
Visual and Performing Arts	10,370	2.8	16.9	11,190	2.9	7.9	12,250	3.0	9.5
Architecture and Environmental Design	5,720	1.6	-8.9	5,670	1.5	-0.9	5,600	1.4	-1.2
Industrial Arts	650	0.2	-8.5	590	0.1	-9.2	1,190	0.3	101.7
HEALTH SCIENCES, TOTAL	**15,230**	**4.2**	**9.5**	**15,350**	**4.0**	**0.8**	**16,560**	**4.1**	**7.9**
Health Sciences	11,730	3.2	6.2	11,490	3.0	-2.0	13,060	3.2	13.7
Allied Health	3,500	1.0	22.4	3,860	1.0	10.3	3,500	0.9	-9.3
HUMANITIES, TOTAL	**14,050**	**3.8**	**-1.4**	**15,230**	**3.9**	**8.4**	**15,840**	**3.9**	**4.0**
Letters	5,410	1.5	-11.0	6,270	1.6	15.9	6,300	1.5	0.5
Foreign Languages	3,870	1.1	6.0	4,080	1.0	5.4	4,030	1.0	-1.2
Theology	3,090	0.7	13.6	2,950	0.8	-4.5	3,470	0.9	17.6
Philosophy and Religion	1,680	0.5	-6.7	1,930	0.5	14.9	2,040	0.5	5.7

continued on next page

year (a 7.8% increase) for a new total of 30,810. The humanities, which experienced a resurgence from lost enrollments in 1989/90, grew a modest 4% last year to reach 15,840. Among the sciences, the life sciences experienced the largest increase (2.3%), drawing 1,550 additional students. Finally, in the "other" category, the subfields of law and multi/interdisciplinary studies grew by 19.5% and 47.2% respectively.

The only major field of study where actual enrollments went down in 1990/91 was agriculture. This field was chosen by 230 fewer students than in the previous year, a drop of 2.8%. Total enrollments in agriculture now number 8,080 or 2% of the entire international student population. Declines in this field are due in part to shrinking inflows of African students who major in agriculture in higher proportions than other regional groups.

Despite the relative stability in the past few years, substantial long-term shifts in field-of-study-choices have occurred, as can be seen by examining **Table 3.1** and **Figure 3.B**. Most notably, the years between 1959/60 and 1990/91 saw a shift away from high proportions of students in humanities, social sciences, and to a lesser extent the physical and life sciences and engineering, and toward increased concentrations in business and management, and, understandably, computer science fields.

Business and management has been chosen by increasingly larger numbers of international students

TABLE 3.0 (continued)

Foreign Students by Field and Subfield of Study and Percent Change, 1988/89-1990/91

Field of Study	1988/89			1989/90			1990/91		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
MATHEMATICS & COMPUTER SCIENCE	**35,400**	**9.9**	**-0.1**	**36,210**	**9.4**	**2.7**	**36,840**	**9.0**	**1.7**
Computer and Information Sciences	26,970	7.3	1.1	27,660	7.2	2.6	27,900	6.8	0.9
Mathematics	8,290	2.3	-4.9	8,550	2.2	3.1	8,940	2.2	4.6
PHYSICAL AND LIFE SCIENCES, TOTAL	**31,320**	**8.5**	**7.0**	**32,910**	**8.5**	**5.1**	**35,280**	**8.7**	**7.2**
Physical Sciences	18,240	4.9	7.7	18,850	4.9	3.3	19,820	4.9	5.1
Life Sciences	11,590	3.2	6.1	12,610	3.2	8.8	14,160	3.5	12.3
Science Technologies	1,490	0.4	6.4	1,450	0.4	-2.7	1,300	0.3	-10.3
SOCIAL SCIENCES, TOTAL	**28,300**	**7.7**	**2.4**	**28,580**	**7.4**	**1.0**	**30,810**	**7.6**	**7.8**
Social Sciences, General	19,640	5.4	2.5	19,120	5.0	-2.6	21,550	5.3	12.7
Psychology	3,660	1.0	4.3	3,900	1.0	6.6	4,380	1.1	12.3
Public Affairs	3,000	0.7	-0.7	3,260	0.8	8.7	2,690	0.7	-17.5
Area and Ethnic Studies	1,170	0.3	-1.7	1,520	0.4	29.9	1,350	0.3	-11.2
Protective Services	570	0.2	14.0	550	0.1	-3.5	580	0.1	5.5
Parks and Recreation	260	0.1	-3.7	230	0.1	-11.5	260	0.1	13.0
OTHER, TOTAL	**28,180**	**7.7**	**12.3**	**31,880**	**8.2**	**13.1**	**34,930**	**8.6**	**9.6**
Liberal Arts/General Studies	13,050	3.6	18.4	15,240	3.9	16.8	16,570	4.1	8.7
Communications	5,520	1.5	9.1	6,040	1.6	9.4	6,670	1.6	10.4
Law	2,130	0.6	-0.9	2,200	0.6	3.3	2,630	0.7	19.5
Multi/Interdisciplinary Studies	1,960	0.5	4.8	1,970	0.5	0.5	2,900	0.7	47.2
Personal and Social Development[1]	2,120	0.6	15.2	2,540	0.7	19.8	2,550	0.6	0.4
Home Economics	1,920	0.5	12.9	1,980	0.5	3.1	1,980	0.5	0.0
Library and Archival Sciences	720	0.2	9.1	850	0.2	18.1	750	0.2	-11.8
Communications Technologies	350	0.1	-32.7	570	0.1	62.9	410	0.1	-28.1
Vocational Home Economics	220	0.1	—	280	0.1	27.3	320	0.1	14.3
Military Sciences	170	—	240.0	140	0.0	-17.6	150	—	—
Military Technologies	20	—	100.0	70	0.0	250.0	—	—	—
INTENSIVE ENGLISH LANGUAGE	**16,020**	**4.4**	**14.2**	**19,120**	**5.0**	**19.4**	**19,300**	**4.7**	**0.9**
UNDECLARED	**19,640**	**5.4**	**-5.5**	**21,610**	**5.6**	**10.0**	**25,280**	**6.2**	**17.0**
TOTAL	**366,350**	**100.0**	**2.9**	**386,850**	**100.0**	**5.6**	**407,530**	**100.0**	**5.3**

[1]Includes Basic Skills, Citizenship/Civic Activities, Health-Related Activities, Interpersonal Skills, Leisure and Recreational Activities, and Personal Awareness.

over the past three decades. In the mid-sixties it was only the fifth most popular field, enrolling less than one-tenth of the students. However, ten years later, it drew more students (16%) than any other field, except engineering. Since then, it has attracted increasingly higher proportions of students, being the second most popular field of study throughout the eighties and reaching the top of the list at the beginning of the nineties.

Engineering was the most popular field among international students from the time the Census began until very recently. From the mid-fifties to the mid-seventies, it enrolled almost one-fourth of the students, and, for a brief period in the late seventies and early eighties, it enrolled more than one-quarter. Since then, the share of students in this field has declined slowly but steadily, but is still the second largest at 18%.

Paralleling the rapid developments in computer technology, the share of international students enrolled in **mathematics and computer science** courses has soared. From an insignificant 2.1% in 1959/60, it rose to 5% in the mid-seventies, and doubled to roughly 10% in the next decade, where it has remained, with slight variations, ever since.

The share of international students studying the **social sciences** has declined tremendously, nearly halving in the lifetime of the survey from 14% in 1959/60 to 7.6% in 1990/91. Similarly, enrollments in the **physical and life sciences** have also fallen substantially, going

TABLE 3.1

Foreign Students by Field of Study, Selected Years, 1959/60-1990/91

Field of Study	1959/60		1964/65		1969/70		1975/76	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Agriculture	1,615	3.3	3,211	3.9	3,667	2.7	5,270	2.9
Business and Management	4,114	8.5	7,116	8.7	15,587	11.6	28,670	16.0
Education	3,483	5.1	3,999	4.9	7,779	5.8	9,790	5.5
Engineering	11,279	23.3	18,084	21.9	29,731	22.0	42,000	23.4
Fine and Applied Arts	2,417	5.0	3,946	4.8	6,297	4.7	8,320	4.6
Health Sciences	3,685	7.6	4,918	6.0	5,969	4.4	7,180	4.0
Humanities	6,829	14.1	12,137	14.7	20,211	15.0	15,030	8.4
Mathematics and Computer Sciences	1,015	2.1	2,670	3.2	4,400	3.3	9,060	5.1
Physical and Life Sciences	6,261	12.9	11,731	14.2	17,006	12.6	23,910	13.3
Social Sciences	6,782	14.0	12,609	15.3	17,272	12.8	20,730	11.6
Other	482	1.0	607	0.7	597	0.4	9,380	5.2
Intensive English Language	—	—	—	—	—	—	—	—
Undeclared	—	—	—	—	—	—	—	—
All Foreign Students	**48,486**	**96.9**	**82,045**	**98.3**	**134,959**	**95.2**	**179,340**	**100.0**

Field of Study	1979/80		1984/85		1989/90		1990/91	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Agriculture	8,750	3.1	7,540	2.2	8,310	2.1	8,080	2.0
Business and Management	46,960	16.4	64,930	19.0	75,570	19.5	79,670	19.5
Education	12,340	4.3	12,140	3.6	11,210	2.9	12,280	3.0
Engineering	76,950	26.9	75,370	22.0	73,420	19.0	73,620	18.0
Fine and Applied Arts	14,350	5.0	15,900	4.7	17,450	4.5	19,040	4.7
Health Sciences	10,950	3.8	13,410	3.9	15,350	4.0	16,560	4.1
Humanities	11,340	4.0	13,030	3.8	15,230	3.9	15,840	3.9
Mathematics and Computer Sciences	15,390	5.4	35,630	10.4	36,210	9.4	36,840	9.0
Physical and Life Sciences	21,880	7.6	25,960	7.6	32,910	8.5	35,280	8.7
Social Sciences	22,530	7.9	25,000	7.3	28,580	7.4	30,810	7.6
Other	12,600	4.4	22,250	6.5	31,880	8.2	34,930	8.6
Intensive English Language	12,170	4.2	11,010	3.2	19,120	5.0	19,300	4.7
Undeclared	20,130	7.0	19,940	5.8	21,610	5.6	25,280	6.2
All Foreign Students	**286,340**	**100.0**	**342,110**	**100.0**	**386,850**	**100.0**	**407,530**	**100.0**

from 13% in 1959/60 to approximately 8% in the past several years.

The **humanities** was originally the second most chosen field, but by the late eighties enrollments had shrunk radically. In 1959/60, 14% of all foreign students were studying the humanities, only engineering attracting a greater share. Ten years later, demand for this field was still very high, 15% of the students choosing it. By the mid-seventies, however, only 8% of the students were enrolled in humanities programs and, by the end of the decade, a scant 4% were. Since then, the share of students in this field has not surpassed 4%.

The proportion of students dispersed in "**other**" fields (mainly liberal arts, general studies, and communications) rose significantly in the mid-seventies and, with a slight decline toward the end of that decade, continued to attract students, reaching an all-time high (8.6%) last year.

Enrollment in Two- or Four-Year Institutions by Field of Study. As **Table 3.2** reveals, while the vast majority (85.8%) of all international students attended four-year institutions, enrollment in such schools varied according to the fields of concentration of the students. For instance, 97.2% of the students in the physical and life sciences were in four-year schools, as were 96.4% of the social science majors, 96.3% of all students in the humanities, and 94.8% of agriculture students. Con-

3.B

Foreign Students by Field of Study, Selected Years, 1959/60 - 1990/91

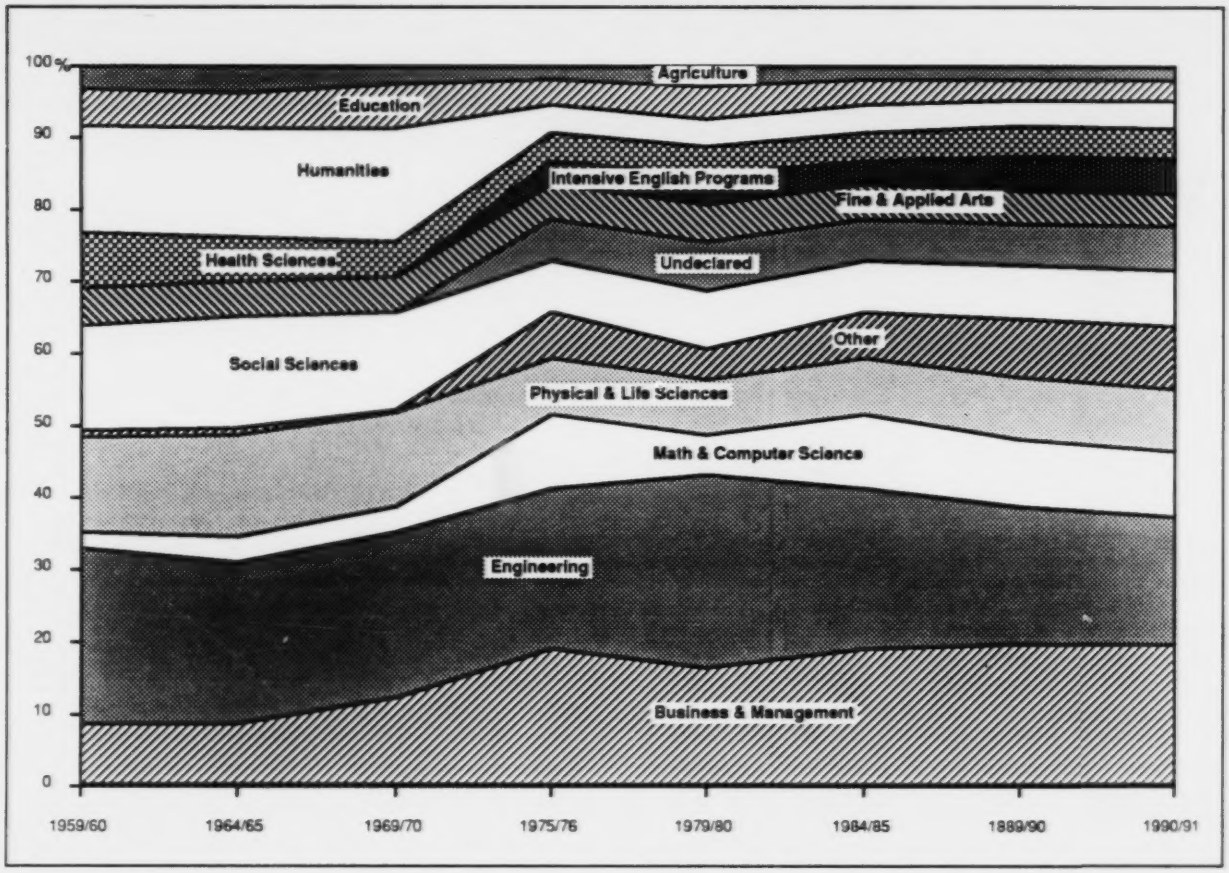


TABLE 3.2

Foreign Students within Field of Study by Type of Institution Attended, 1990/91

% of All Foreign Students			% of All Foreign Students	
Two-Year Institutions	Four-Year Institutions	Field of Study	Public Institutions	Private Institutions
5.2	94.8	Agriculture	93.0	7.0
14.7	85.3	Business and Management	59.2	40.8
5.5	94.5	Education	69.7	30.3
6.7	93.3	Engineering	73.2	26.8
9.8	90.2	Fine and Applied Arts	50.2	49.8
15.7	84.3	Health Sciences	67.1	32.9
3.7	96.3	Humanities	49.8	50.2
11.5	88.5	Mathematics and Computer Sciences	71.9	28.1
2.8	97.2	Physical and Life Sciences	71.1	28.9
3.6	96.4	Social Sciences	56.6	43.4
29.6	70.4	Other	67.2	32.8
23.0	77.0	Intensive English Language	67.6	32.4
14.4	85.6	Undeclared	58.8	41.2
14.2	**85.8**	**All Foreign Students**	**65.7**	**34.3**

TABLE 3.3

Fields of Study of Foreign Students within Two- and Four-Year Institutions, 1990/91

Field of Study	% of Foreign Students	
	Two-Year Institutions	Four-Year Institutions
Agriculture	0.9	2.1
Business and Management	24.8	18.9
Education	1.4	3.2
Engineering	10.4	19.1
Fine and Applied Arts	3.9	4.8
Health Sciences	5.5	3.9
Humanities	1.2	4.2
Mathematics and Computer Science	8.9	9.1
Physical and Life Sciences	2.1	9.5
Social Sciences	2.3	8.3
Other	21.7	6.8
Intensive English Language	9.3	4.1
Undeclared	7.6	6.0
All Fields	**100.0**	**100.0**

versely, only 77% of the students in intensive English language programs and as few as 70.4% of the students in the non-delineated "other" fields were in four-year institutions.

Enrollment in Public or Private Institutions by Field of Study. Nearly two-thirds of the foreign students in this country (65.7%) were enrolled in public institutions, with a corresponding 34.3% attending private institutions (**Table 3.2**). Students in the fine and applied arts and in the humanities and social sciences tend to study in private institutions more than students in other fields. Students in agriculture, however, were overwhelmingly in public institutions, 93% compared to 7% in private. In engineering as well a larger proportion (73.2%) of the students could be found in public schools.

What Students in Two- and Four-Year Institutions Study. Students attending four-year schools chose somewhat different subjects than students attending two-year schools. The fields of study chosen by four-year students were similar to those selected by foreign students overall, since most foreign students were enrolled in four-year institutions. This can be seen by comparing **Table 3.3** to **Table 3.0**. It is interesting to note, however, that engineering, not business and management, was the most popular field here, albeit by a small margin (19.1% compared to 18.9%).

Students attending two-year institutions were studying somewhat different subjects. For instance, a full quarter of them majored in business and management and only slightly over one-tenth were in engineering. Also, more than one-fifth of them were in "other" fields, compared to only 6.8% of four-year students. Further, a very small share of them chose physical and life sciences and social sciences (about 2% each) compared to a little less than 10% of students in four-year schools. Smaller shares also enrolled in the humanities and in education.

What Students in Public and Private Institutions Study. As with four-year institutions, field-of-study choices of students in public schools generally mirrored those of the foreign student population overall (**Table 3.4**). However, some differences are evident. The most notable is that, among foreign students in public institutions, engineering was more popular (20.3%) than business and management (17.7%). The next three highest choices were consistent with those of the overall student population. Math and computer science accounted for 9.9% of students attending public institutions, followed by the physical and life sciences (9.4%) and social sciences (6.6%).

In private schools, the field-of-study choices were somewhat different. Here, business and management was the primary field of choice, accounting for 23% of the students. Engineering, most popular in public schools, was a distant second, with only 14.0% of private school students, a figure 4% lower than for all foreign students. The social sciences, which was sixth in popularity at public institutions, was third in private ones with 9.4% of the students. The "other" field followed with 8.1%, trailed by math and computer science (7.3%).

TABLE 3.4

Fields of Study of Foreign Students within Public and Private Institutions, 1990/91

Field of Study	% of Foreign Students	
	Public Institutions	Private Institutions
Agriculture	2.8	0.4
Business and Management	17.7	23.0
Education	3.2	2.6
Engineering	20.3	14.0
Fine and Applied Arts	3.6	6.7
Health Sciences	4.2	3.9
Humanities	3.0	5.6
Mathematics and Computer Science	9.9	7.3
Physical and Life Sciences	9.4	7.2
Social Sciences	6.6	9.4
Other	8.8	8.1
Intensive English Language	4.9	4.4
Undeclared	5.6	7.4
All Fields	**100.0**	**100.0**

TABLE 3.5

Foreign Students by Academic Level and Percent Change, 1988/89-1990/91

Academic Level	1988/89			1989/90			1990/91		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Associate	**40,570**	**11.1**	**3.0**	**47,030**	**12.2**	**15.9**	**48,910**	**12.0**	**4.0**
Bachelor's	**131,900**	**36.0**	**-3.9**	**137,560**	**35.5**	**4.3**	**140,990**	**34.6**	**2.5**
Freshman	26,180	7.1	-0.5	27,770	7.2	6.1	31,910	7.8	14.9
Sophomore	20,740	5.7	-6.1	21,380	5.5	3.1	22,600	5.6	5.7
Junior	24,200	6.6	-6.2	24,150	6.2	-0.2	25,240	6.2	4.5
Senior	31,060	8.5	-7.9	30,180	7.8	-2.8	30,910	7.6	2.4
Unspecified	29,720	8.1	1.3	34,080	8.8	14.7	30,330	7.4	-11.0
Graduate	**165,380**	**45.2**	**5.9**	**169,820**	**43.9**	**2.7**	**182,130**	**44.7**	**7.2**
Master's	78,830	21.5	9.7	78,360	20.3	-0.6	88,060	21.6	12.4
Doctoral	53,900	14.7	9.1	59,710	15.4	10.8	65,640	16.1	9.9
Professional Training	3,520	1.0	20.1	3,390	0.9	-3.7	4,170	1.0	23.0
Unspecified	29,130	8.0	-8.9	28,360	7.3	-2.6	24,260	6.0	-14.5
Other	**28,500**	**7.7**	**22.1**	**32,440**	**8.4**	**13.8**	**35,500**	**8.7**	**9.4**
Practical Training	7,020	1.9	46.3	7,710	2.0	9.8	8,770	2.2	13.7
Nondegree	6,670	1.8	1.8	7,550	2.0	13.2	9,140	2.2	21.1
Intensive English Language	14,810	4.0	23.5	17,180	4.4	16.0	17,590	4.3	2.4
TOTAL	**366,350**	**100.0**	**2.9**	**386,850**	**100.0**	**5.6**	**407,530**	**100.0**	**5.3**

3.C
Foreign Students by Academic Level, 1990/91

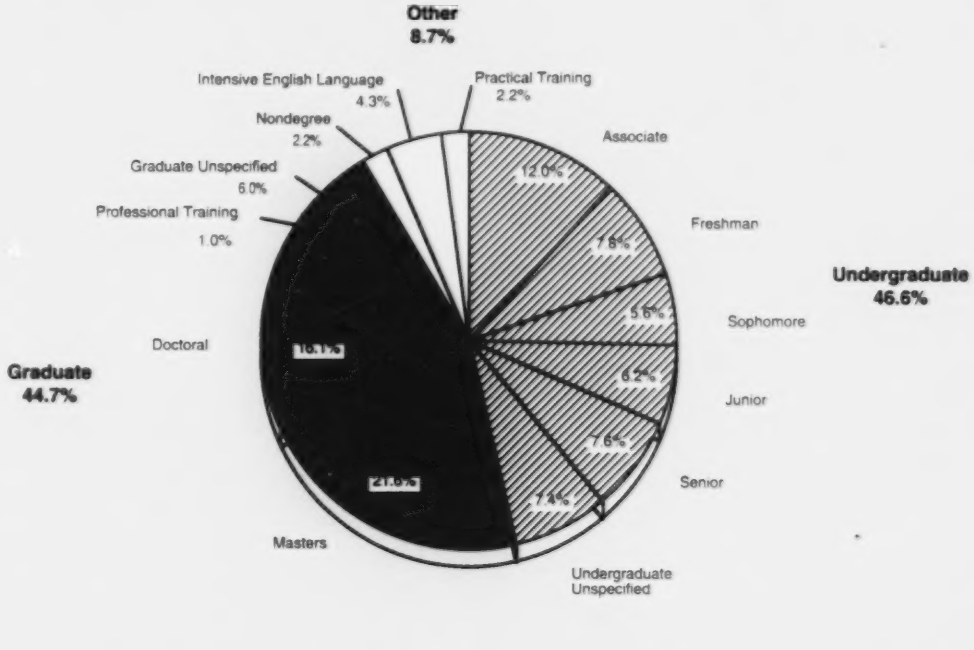


TABLE 3.6

Foreign Students by Academic Level, Selected Years, 1954/55-1990/91

Year	Academic Level		
	Under-graduate	Graduate	Other
1954/55	55.9%	35.4%	8.9%
1959/60	51.9	39.0	9.1
1964/65	46.5	42.8	10.7
1969/70	46.8	43.8	9.3
1975/76[1]	53.5	46.5	—
1979/80	60.2	32.9	6.9
1984/85	57.8	35.8	6.4
1987/88	49.6	43.9	6.5
1988/89	47.1	45.2	7.7
1989/90	47.7	43.9	8.4
1990/91	46.6	44.7	8.7

[1]*Data on "other" academic level are not available for this year.*

ACADEMIC LEVEL

Almost equal proportions of international students were at the graduate and undergraduate level (**Table 3.5** and **Figure 3.C**). Of all foreign students, 46.6% were enrolled as undergraduates while 44.7% came as graduate students. Of the undergraduates, 12.0% were seeking associate degrees, the remaining 34.6% studying toward bachelor's degrees. Of the graduate students, 21.6% were pursuing their master's, a smaller 16.1% were enrolled in doctoral programs, and 1% were in professional degree programs. The 8.7% of the foreign students in the "other" category were either in practical training programs (2.2%), non-degree programs (2.2%), or in intensive English language programs (4.3%).

Trends. Historically, the ratio of graduate to undergraduate students has not always been so close (**Table 3.6**). In the fifties the percentage of graduate foreign students (35.4%) was much lower than that of undergraduates (55.9%), and not until the mid-sixties did the percentage of graduates more closely match that of undergraduates. With the exception of a downturn in the late seventies to mid-eighties, the percentage of graduates has continued to rise, while that of undergraduates has fallen off. As a result, we are seeing a return to the higher graduate proportions of the sixties, although at no time has the number of graduate level students outnumbered that of undergraduates.

The absolute number of foreign graduate students rose to 182,130 last year, a significant gain of 12,310 students from 1989/90, translating to a 7% increase. Expansion occurred at both the doctoral and the master's levels. Doctoral enrollments grew by 10% over the previous year, an actual increase of approximately 6,000 students. Enrollments at the master's level grew at the even greater pace of 12.4%, representing an additional 9,700 students. The number of those in professional degree programs also went up during this time period, from 3,390 in 1989/90 to 4,170 in 1990/91.

The absolute number of students seeking bachelor's degrees continued to increase in 1990/91 after steady declines in the later part of the eighties (**Table 3.5**). In 1989/90, the number of foreign students at the bachelor level increased by 4.3% after a decline of close to 4% the previous year. In 1990/91, 3,430 additional students were enrolled at the bachelor's level for a new total of 140,990, or a 2.5% increase from 1989/90. The greatest increase at the bachelor's degree level, logically enough, was among incoming freshmen. The new total for students at this level was 31,910, over 4,000 (15%) more than in the previous year.

Enrollments in junior and community colleges rose by a modest 4%, a proportion much smaller than the previous year's 16%. Considerably more students attended

TABLE 3.7

Foreign Students Attending Public and Private Institutions by Academic Level, 1990/91

Academic Level	% in Public Institutions	% in Private Institutions
Associate	92.5	7.5
Bachelor's	58.8	41.2
Graduate	65.6	34.4
Other	63.4	36.6

TABLE 3.8

Foreign Students by Enrollment Status, 1988/89-1990/91

Enrollment Status	1988/89		1989/90		1990/91	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Full-time	329,530	89.9	343,470	88.8	361,790	88.8
Part-time	36,820	10.1	43,380	11.2	45,740	11.2

TABLE 3.9

Enrollment Status of Foreign Students by Type of Institution Attended, 1990/91

Enrollment Status	Type of Institution				
	Two-Year	Four-Year	All	Public	Private
Full-Time	12.4	87.6	88.8	64.5	35.5
Part-Time	22.9	77.1	11.2	75.7	24.3

non-degree programs (21.1%) or were in practical training (13.7%) than in the previous year. Thus the proportion in the "other" academic level category rose slightly from 8.4% to 8.7%.

Enrollment in Public and Private Institutions by Academic Level. Students at different degree levels exhibited varying preferences for public and private institutions, as an examination of **Table 3.7** shows, although public institutions were home to a majority of students at all levels. Virtually all (92.5%) of those working on associate degrees attended public institutions, not surprisingly, given the dearth of private junior colleges. Also, graduate students were more likely to be found in public institutions than those working on bachelor's degrees. Almost two-thirds of graduate students, compared with 58.8% of those seeking bachelor's degrees, studied at public institutions.

ENROLLMENT STATUS

International students pursuing studies on a full-time basis continued to greatly outnumber those studying on a part-time basis. As is evident in **Table 3.8**, nearly nine out of ten (88.8%) went to school full-time. This is not surprising, since full-time enrollment in most cases is required to be able to remain in the United States for study.

Most of these full-time students, 87.6%, were enrolled in four-year colleges and universities (**Table 3.9**). However, almost twice as many part-time as full-time students were found in two-year institutions. In addition, students studying full-time were more likely to attend private institutions than those who studied part-time (35.5% to 24.3%, respectively).

4. PERSONAL CHARACTERISTICS

GENDER

Last year witnessed a further increase in women's participation in foreign study in the United States. The largest number of female foreign students ever, (146,800) studied in this country, 15,510 more than in the previous year, representing an increase rate of 11.8%. This continues the trend of rising female enrollments in the past few years. Male enrollments also rose during this time, but at a slower pace. Thus, the representation of females in the international student body has been going up steadily. Their share, as low as 30% in 1984/85, reached a record 36% last year, as **Table 4.0** and **Figure 4.A** indicate.

Female representation in the foreign student body was traditionally low. In the fifties, fewer than one-fourth of the students were women, and by the end of that decade as few as 22%, marking an all time low. Since that time, their proportion has risen steadily but slowly, reaching the highest level ever in 1990/91.

Male to female ratios were different at different types of institutions (**Table 4.1**). Proportionately more of the students in private than in public schools were females; 36.3% compared to 35.9%. Among two-year and four-year schools, the disparity is more pronounced. While a little over a third (34.9%) of the four-year students were women, as many as 45% of two-year students were females.

MARITAL STATUS

An examination of **Table 4.2** reveals that most of the international students in this country were single. Almost eight out of ten students (78.5%) were in this category, slightly fewer than the previous year. This proportion, however, has remained relatively stable for a number of years.

A greater proportion of students attending two-year than four-year institutions were single, as **Table 4.3** reveals (88.6% and 77.2%, respectively). This is not surprising, given that, on average, students in four-year schools are older, particularly graduate students. The shares of married and single students in public and private institutions also differed, singles accounting for 75.1% and 83% of the students in public and private schools, respectively.

4.A
Foreign Students by Gender, Selected Years, 1954/55-1990/91

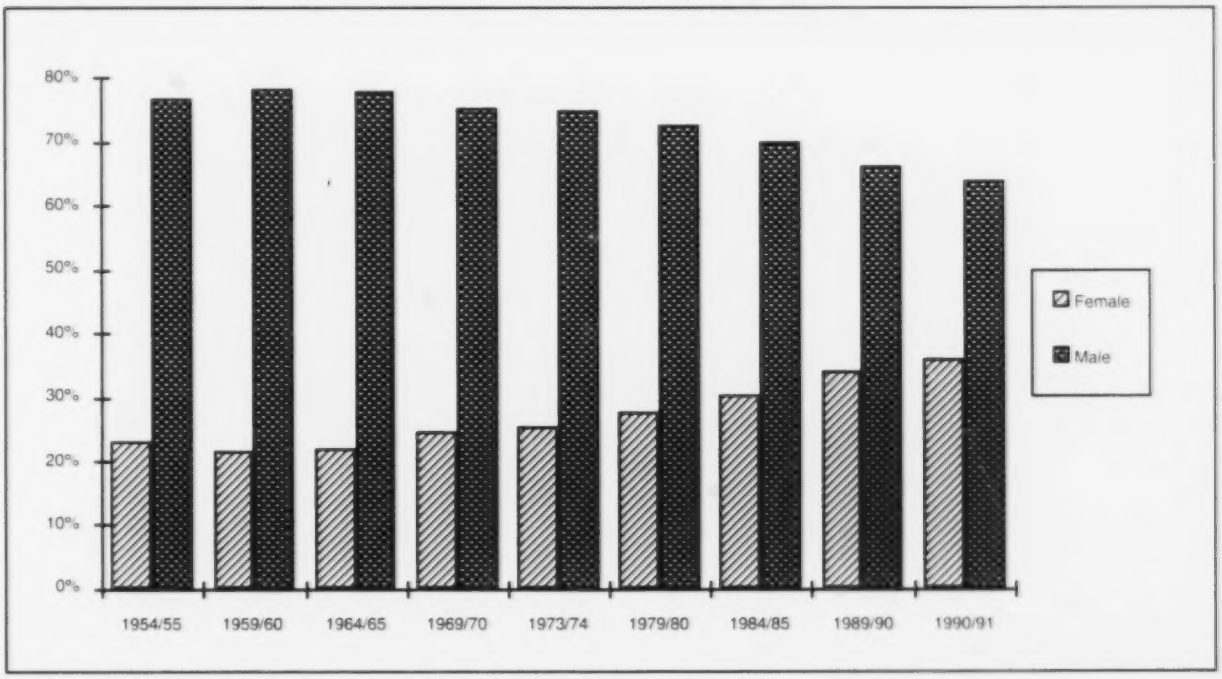


TABLE 4.0

Foreign Students by Gender, Selected Years, 1954/55-1990/91

Year	Male		Female	
	Number	Percent	Number	Percent
1954/55	26,290	76.8%	7,942	23.2%
1959/60	37,988	78.3	10,498	21.7
1964/65	63,987	78.0	18,058	22.0
1969/70	101,759	75.4	33,200	24.6
1973/74	112,846	74.7	38,220	25.3
1979/80	207,310	72.4	79,030	27.6
1984/85	238,790	69.8	103,320	30.2
1989/90	255,560	66.1	131,290	33.9
1990/91	260,730	64.0	146,800	36.0

TABLE 4.1

Gender of Foreign Students by Type of Institution Attended, 1988/89-1990/91

Institution	Gender	1988/89	1989/90	1990/91
Two-Year	Male	55.9	55.6	55.2
	Female	44.1	44.4	44.8
Four-Year	Male	67.8	67.5	65.1
	Female	32.2	32.5	34.9
Public	Male	66.9	66.8	64.1
	Female	33.1	33.2	35.9
Private	Male	65.7	64.5	63.7
	Female	34.3	35.5	36.3
All Foreign Students	**Male**	**66.5**	**66.1**	**64.0**
	Female	**33.5**	**33.9**	**36.0**

PRIMARY SOURCES OF FUNDS

Roughly two-thirds (64.3%) of all foreign students received the major funding for their study from personal and family sources, as data in **Table 4.4** and **Figure 4.B** indicate. Assuming that personal and family funds come from the students' home countries, almost three-quarters (73%) received their major funding from sources outside the United States, with home governments subsidizing 5.8% of all foreign students. The most significant source of funding from inside the United States were the institutions the students attended, which were the primary funding sources of 18.8% of the foreign nationals. Private sponsors based in the United States provided the majority of support for 3.4% of the students and the United States government for 1.9% (**Table 4.4**).

Looking at funding trends in the past three years, presented in **Table 4.4**, several changes can be observed. The share of international students studying on personal funds went up from 62.6% in 1988/89 to 64.3% last year. However, the proportion of students receiving major support from their home governments or universities fell from 7.8% to 5.8% in this period, continuing a trend begun in the early eighties. In 1981/82, home government was the second largest source of support for foreign students, providing primary funding to roughly 13% of them. By 1985, this figure had fallen to 11% and for the past five years this source has been the major funder of less than 10% of the total. While the number of international students receiving financial support from their home governments or universities is going down, the number of those funded from colleges and universities in this country is going up. Thus, last year, 19% of the foreign students, compared to 17.6% two years earlier received their primary funding from the institutions they attended. This portion has more than doubled since the early eighties.

When interpreting primary-sources-of-funds data, it should be kept in mind that the response rate to this particular question on the survey is the lowest to any question. Information on source of funds exists for only 53.3% of the students in the survey, as can be seen in **Table 1.2**, which may or may not be representative of the entire foreign student population. In addition, American colleges and universities are likely to be best informed about the contribution of their own funds and thus, the percentage reported as receiving primary support from American colleges and universities may be overstated.

Sources of Support in Two-and Four-Year Institutions. Foreign students in two-year institutions relied most heavily, 85.5%, on personal and family funds (**Table 4.5**).

TABLE 4.2

Marital Status of Foreign Students, 1988/89-1990/91

Marital Status	1988/89		1989/90		1990/91	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Single	296,330	80.9	309,930	80.1	319,910	78.5
Married	70,020	19.1	76,920	19.9	87,620	21.5

TABLE 4.3

Marital Status of Foreign Students by Type of Institution Attended, 1990/91

Marital Status	Type of Institution				
	Two-Year	Four-Year	Year Total	Public	Private
Single	88.6%	77.2%	78.5%	75.1%	83.0%
Married	11.4	22.8	21.5	24.9	17.0

U.S. private sponsors accounted for an additional 5.9% and the U.S. government for 2.1%. In four-year institutions the picture is very different. Although the majority (59.9%) of the students received their primary support from personal resources, an additional 22.4% (compared to a minuscule 1% in two-year institutions) received most of their funding from the U.S. colleges and universities they attended. Also, home governments supported 6.5% of four-year students but only 2.4% of two-year students. American private sponsors supplied 3% of four-year students with financial support. No other source of funding in four-year institutions accounted for as much as 3% of the total.

TABLE 4.4

Foreign Students by Primary Source of Funds and Percent Change, 1988/89-1990/91

Primary Source of Funds	1988/89			1989/90			1990/91		
	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change	Foreign Students	% of Total	% Change
Personal and Family	229,430	62.6	**0.6**	246,250	63.7	**7.3**	262,040	64.3	**6.4**
U.S. College or University	64,410	17.6	**6.6**	70,310	18.2	**9.2**	76,450	18.8	**8.7**
Home Government/University	28,360	7.8	**-7.7**	25,910	6.7	**-8.6**	23,570	5.8	**-9.0**
U.S. Private Sponsor	11,140	3.0	**13.2**	11,750	3.1	**5.5**	14,060	3.4	**19.7**
Current Employment	7,300	2.0	**35.7**	8,260	2.1	**13.2**	9,510	2.3	**15.1**
Foreign Private Sponsor	8,500	2.3	**-1.4**	8,550	2.2	**0.6**	9,190	2.3	**7.5**
U.S. Government	8,660	2.4	**14.4**	8,700	2.2	**0.5**	7,860	1.9	**-9.7**
International Organization	2,940	0.8	**11.4**	2,460	0.6	**-16.3**	2,320	0.6	**-5.7**
Other	5,610	1.5	**88.9**	4,660	1.2	**-16.9**	2,530	0.6	**-45.7**
TOTAL	**366,350**	**100.0**	**2.9**	**386,850**	**100.0**	**5.6**	**407,530**	**100.0**	**5.3**

4.B

Foreign Students by Primary Source of Funds, 1990/91

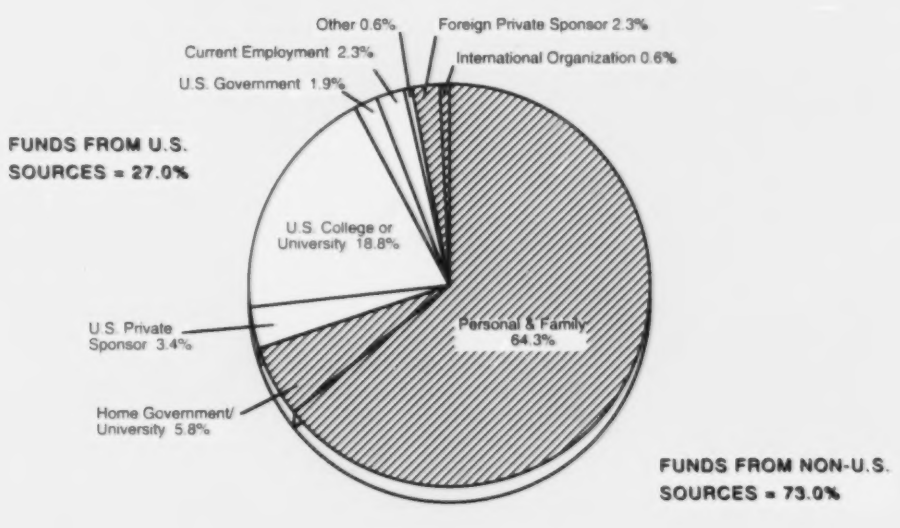

Other 0.6%
Foreign Private Sponsor 2.3%
Current Employment 2.3%
International Organization 0.6%
U.S. Government 1.9%
FUNDS FROM U.S. SOURCES = 27.0%
U.S. College or University 18.8%
U.S. Private Sponsor 3.4%
Personal & Family 64.3%
Home Government/ University 5.8%
FUNDS FROM NON-U.S. SOURCES = 73.0%

TABLE 4.5

Primary Source of Funds of Foreign Students by Type of Institution Attended, 1990/91					
	Type of Institution				
Primary Source of Funds	Two-Year	Four-Year	Year Total	Public	Private
Personal and Family	85.5%	59.9%	64.3%	66.2%	60.8%
U.S. College or University	1.0	22.4	18.8	17.7	20.6
Home Government or University	2.4	6.5	5.8	6.2	5.1
U.S. Private Sponsor	5.9	3.0	3.4	3.2	3.9
Current Employment	1.4	2.5	2.3	1.7	3.5
Foreign Private Sponsor	0.9	2.5	2.3	1.5	3.7
U.S. Government	2.1	1.9	1.9	2.3	1.2
International Organization	0.1	0.7	0.6	0.5	0.7
Other	0.7	0.6	0.6	0.7	0.5

TABLE 4.6

Foreign Students by Visa Status, 1988/89-1990/91						
	1988/89		1989/90		1990/91	
Visa Type	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
F Visa	289,400	79.0	303,580	78.5	328,440	80.6
J Visa	45,740	12.5	49,010	12.7	45,000	11.0
M Visa	330	0.1	430	0.1	730	0.2
Other Visa	23,590	6.4	24,570	6.3	25,090	6.2
Refugee	7,290	2.0	9,260	2.4	8,270	2.0
TOTAL	366,350	100.0	386,850	100.0	407,530	100.0

Sources of Support in Public and Private Institutions. A somewhat greater proportion of foreign students in public than in private institutions were supported with personal or family funds (66.2% to 60.8%, respectively) (**Table 4.5**). An inverse relationship existed for U.S. college and university support, with a slightly larger proportion of students in private (20.6%) than in public institutions (17.7%) being primarily funded by their schools.

IMMIGRATION (VISA) STATUS

As **Table 4.6** shows, the vast majority of foreign students (80.6%) held F visas last year, which are temporary visas granted to citizens of foreign countries for full-time study in institutions of higher education. Students with J visas, the visas granted to exchange visitors, made up the second largest group, accounting for 11% of the international student body. A rather small percentage, 6.2%, held other types of visas, while 2% were refugees. (Definitions of the various types of visas appear on page iv of this publication)

Please note that this is the last year that refugees are included in *Open Doors* statistics, since refugees, unlike students with other visas, are here on a permanent basis. As a result, in the future, the proportions in other visa categories will be slightly higher.

Immigration Status in Public and Private Institutions. The data in **Table 4.7** show that much larger proportions of students in four-year than in two-year institutions held F visas (82.3% and 69.5%, respectively) and J visas (12.3% and 2.5%, respectively). Conversely, much larger proportions of refugees were found in two-year (12.7%) than in four-year (0.4%) schools. The visa status of foreign students in public institutions was not very different from that of students in private schools.

TABLE 4.7

Visa Status of Foreign Students by Type of Institution Attended, 1990/91					
	Type of Institution				
Visa Type	Two-Year	Four-Year	Year Total	Public	Private
F Visa	69.5%	82.3%	80.6%	78.8%	84.0%
J Visa	2.5	12.3	11.0	11.3	10.5
M Visa	0.5	0.1	0.2	0.2	0.2
Other Visa	14.8	4.9	6.2	6.8	4.9
Refugee	12.7	0.4	2.0	2.9	0.4

5. DISTRIBUTION BY U.S. REGION AND STATE

DISTRIBUTION BY U.S. REGION

An examination of the location of foreign students within the United States reveals a relatively wide distribution across the country and its territories. Although nearly one-quarter (24.6%) of all students coming to the United States from abroad attended schools in the Northeast, large shares could be found in several other regions as well, as **Table 5.1** shows. The Midwest attracted slightly over one-fifth (22.8%) of the students, the South hosted 20.6%, and schools in the Pacific region enrolled 18.2%. States in the Southwest, while not controlling as large a percentage, still held 10% of overseas students. Finally, the Mountain region was host to 3.4% and the "Other" region, consisting of Guam, Puerto Rico, and the Virgin Islands, had 0.4%. **(The states and territories in each region of the United States are listed in Appendix A.5).**

In absolute numbers, the Northeast, Midwest, South, and Pacific regions each had more than 74,000 students, as can be seen in **Table 5.0**. The Northeast topped the 100,000 mark with 100,417 students, followed by the Midwestern states which hosted 92,882. The South had 84,001 enrollees, and the Pacific 74,128. Foreign stu-

TABLE 5.0

Foreign Students by U.S. Region and Percent Change, 1989/90-1990/91

U.S. Region	Foreign Students 1989/90	Foreign Students 1990/91	% Change
Northeast	94,465	100,417	6.3
Midwest	87,067	92,882	6.7
South	80,807	84,001	4.0
Pacific	71,993	74,128	3.0
Southwest	38,321	40,786	6.4
Mountain	12,773	13,839	8.3
Other	1,425	1,476	3.6
TOTAL	386,851	407,529	5.3

5.A

Foreign Students by U.S. Region, 1954/55 - 1990/91

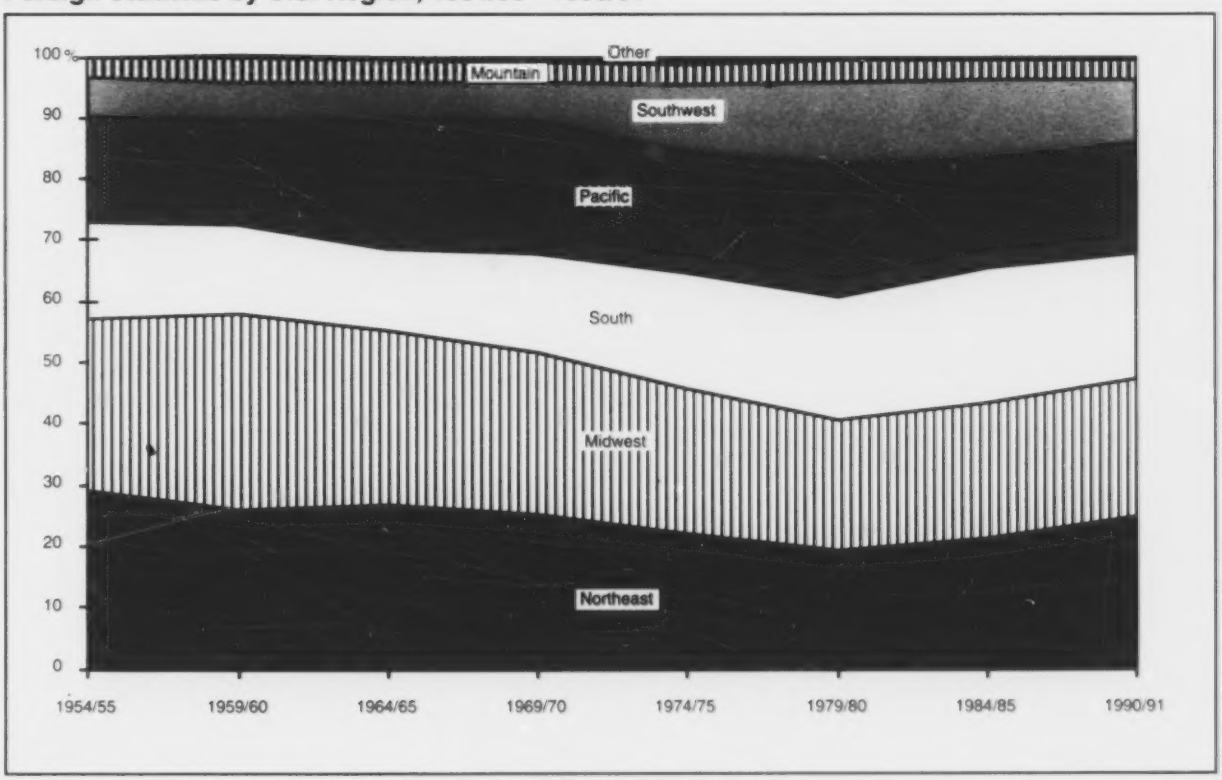


TABLE 5.1

Foreign Students by U.S. Region, Selected Years, 1954/55 - 1990/91

Region	1954/55		1959/60		1964/65		1969/70	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Northeast	9,906	28.9	12,608	26.0	21,869	26.7	33,828	25.1
Midwest	9,717	28.4	15,444	31.9	23,389	28.5	35,585	26.4
South	5,337	15.6	7,058	14.6	10,999	13.4	21,899	16.2
Pacific	5,929	17.3	8,277	17.1	17,124	20.9	29,720	22.0
Southwest	2,250	6.6	3,116	6.4	5,183	6.3	8,071	6.0
Mountain	989	2.9	1,810	3.7	3,040	3.7	4,590	3.4
Other	104	0.3	173	0.4	441	0.5	1,266	0.9
TOTAL	**34,232**	**100.0**	**48,486**	**100.0**	**82,045**	**100.0**	**134,959**	**100.0**

Region	1974/75		1979/80		1984/85		1990/91	
	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
Northeast	33,695	21.8	55,228	19.3	72,703	21.2	100,417	24.6
Midwest	37,007	23.9	61,044	21.3	75,444	22.1	92,882	22.8
South	29,012	18.8	58,254	20.3	76,034	22.2	84,001	20.6
Pacific	31,117	20.1	62,029	21.7	61,785	18.1	74,128	18.2
Southwest	16,537	10.7	37,918	13.2	43,699	12.8	40,786	10.0
Mountain	5,245	3.4	10,023	3.5	10,978	3.2	13,839	3.4
Other	1,979	1.3	1,847	0.7	1,470	0.4	1,476	0.4
TOTAL	**154,592**	**100.0**	**286,343**	**100.0**	**342,113**	**100.0**	**407,529**	**100.0**

dent enrollments in the Southwest numbered 40,786; in the Mountain region 13,839; and the "Other" region a much smaller 1,476.

An examination of **Table 5.0** reveals that international student enrollments were on the rise in all seven regions of the United States last year, in four regions by more than 6%. Again, it is important to remember that the highest percentage gain does not necessarily translate into the greatest gain in actual numbers of students. Thus, in the Mountain region while enrollments rose by 8.3% between 1989/90 and 1990/91, the absolute number of students rose by only 1,066. However, in the Midwest, while the rate of increase was only 6.7%, the actual number of new students was 5,815, a number five times that in the Mountain region. Enrollments in the Southwest increased by 6.4%, an addition of 2,465 students, and in the Northeast by 6.3%, a gain of 5,952 students. The remaining regions experienced growth of less than 5%. The South had 3,194 or 4% more international students in 1990/91 than in the previous year; the "Other" region had 51 (3.6%) more; and the Pacific region reported 2,135 additional students or (3%).

Trends. Foreign students have not always been as evenly distributed across the United States as they were in the 1990/91 academic year. As shown in **Table 5.1** and **Figure 5.A**, in the fifties and sixties, the Northeast and the Midwest were the destinations of choice, more than half of the incoming students attending schools in these regions. The Pacific region was a distant third, although enrollments there increased from 17% in the mid-fifties to 22% by the end of the sixties decade.

In the early seventies, the migration of foreign students to the various U.S. regions began to change. The Pacific region became the leading destination for a brief period in the late seventies and early eighties. Enrollments in the South and in the Southwest increased rapidly, outpacing increases in other regions. Thus, by the early eighties, the South had become the region with the most foreign students, and the Southwest enrolled more than one-eighth (13.2%) of all international students in this country. This pattern held for several years, but changed once again in the mid-eighties. The Northeast, in particular, but also the Midwest, attracted higher and higher proportions of incoming students, becoming

number one and number two, respectively, in international student enrollments by 1987/88.

Destination (U.S. Region) by World Region of Origin. Students from different world regions displayed distinct affinities for different areas within the United States as can be seen in **Table 5.2** and **Figure 5.B**.

Africans in general (31.7%), and sub-Saharan Africans in particular (32.8%), showed a greater preference for institutions in the South than foreign students overall (20.6%). Conversely, they were under-represented in the Pacific region, only 9.8% of them attending schools there, compared to 18.2% of all foreign students.

Asian students were dispersed among the various regions of the United States in proportions similar to those of foreign students overall. This is not surprising, given the fact that such a large percentage of all international students in the United States were from Asia. Nonetheless, Asians were not as attracted to the South as students from other world areas. Only 15.6% of them chose to study there, compared to 20.6% of all students. On the other hand, Asians chose both the Midwest and the Pacific regions more often than foreign students overall (25.3% compared to 22.8%, and 21.9% compared to 18.2%, respectively).

Europeans flocked to the Northeast: nearly one-third of them (32.2%) attended schools in this region, although less than a quarter of all foreign students in this country (24.6%) were enrolled there. By contrast, they showed lower-than-average interest in institutions in the Midwest and the Southwest.

Due in part to geographic proximity and cultural ties, **Latin Americans** displayed a disproportionately high preference for the South and, to a lesser extent, for the Southwest. Close to four of every ten Latin Americans (39.1%), twice as many as foreign students overall (20.6%), were enrolled in institutions in the South last year. Students from the Caribbean were particularly concentrated in this region, over half (54.3%) of them attending schools here. The Southwest was chosen by 12.9% of Latin American students (compared to 10.0% of all foreign students). Conversely, comparatively fewer Latin Americans than students from all world regions chose to study in the Midwest (14.2% compared to 22.8%) and in the Pacific region (9.1% compared to 18.2%). The extremely low enrollments of Caribbean students in these regions are particularly notable.

The **Middle Easterners**' distribution among U.S. regions more or less followed the norm for all foreign students. However, they chose Northeastern institutions

TABLE 5.2

Distribution of Foreign Students in U.S. Regions by World Region and Subregion of Origin, 1990/91

World Region	U.S. Region							All of U.S.
	Northeast	Midwest	South	Pacific	Southwest	Mountain	Other	
Africa	**21.8**	**23.5**	**31.7**	**9.8**	**10.5**	**2.7**	**0.0**	**100.0**
North Africa	23.3	23.9	26.9	11.4	10.1	4.4	0.0	100.0
Sub-Saharan Africa[1]	21.5	23.4	32.8	9.4	10.6	2.3	0.0	100.0
Asia	**23.3**	**25.6**	**15.6**	**21.9**	**10.1**	**3.4**	**0.1**	**100.0**
East Asia	24.1	24.7	14.6	23.9	8.6	4.0	0.1	100.0
South and Central Asia	28.5	26.5	20.3	9.2	13.0	2.5	0.0	100.0
Southeast Asia	14.9	27.8	14.2	27.8	12.9	2.3	0.1	100.0
Europe	**32.2**	**19.6**	**19.8**	**17.5**	**7.4**	**3.4**	**0.1**	**100.0**
Eastern Europe	32.7	24.6	21.2	12.6	6.1	2.8	0.0	100.0
Western Europe	32.1	19.1	19.6	18.0	7.6	3.5	0.1	100.0
Latin America	**20.2**	**14.2**	**39.1**	**9.1**	**12.9**	**2.6**	**1.9**	**100.0**
Caribbean	23.5	9.1	54.3	2.8	4.8	0.9	4.6	100.0
Central America	11.6	15.1	34.1	12.3	23.4	2.7	0.8	100.0
South America	25.1	16.7	33.3	10.6	9.5	3.6	1.2	100.0
Middle East	**21.8**	**23.3**	**22.3**	**17.1**	**11.5**	**4.0**	**0.0**	**100.0**
North America	**28.3**	**31.4**	**13.7**	**13.4**	**5.4**	**7.8**	**0.0**	**100.0**
Oceania	**17.7**	**13.9**	**9.3**	**39.0**	**6.6**	**3.9**	**9.6**	**100.0**
All Foreign Students	**24.6**	**22.8**	**20.6**	**18.2**	**10.0**	**3.4**	**0.4**	**100.0**

[1] *Includes Eastern, Central, Southern, and West Africa.*

5.B

Distribution of Foreign Students in U.S. Regions by World Region of Origin, 1990/91

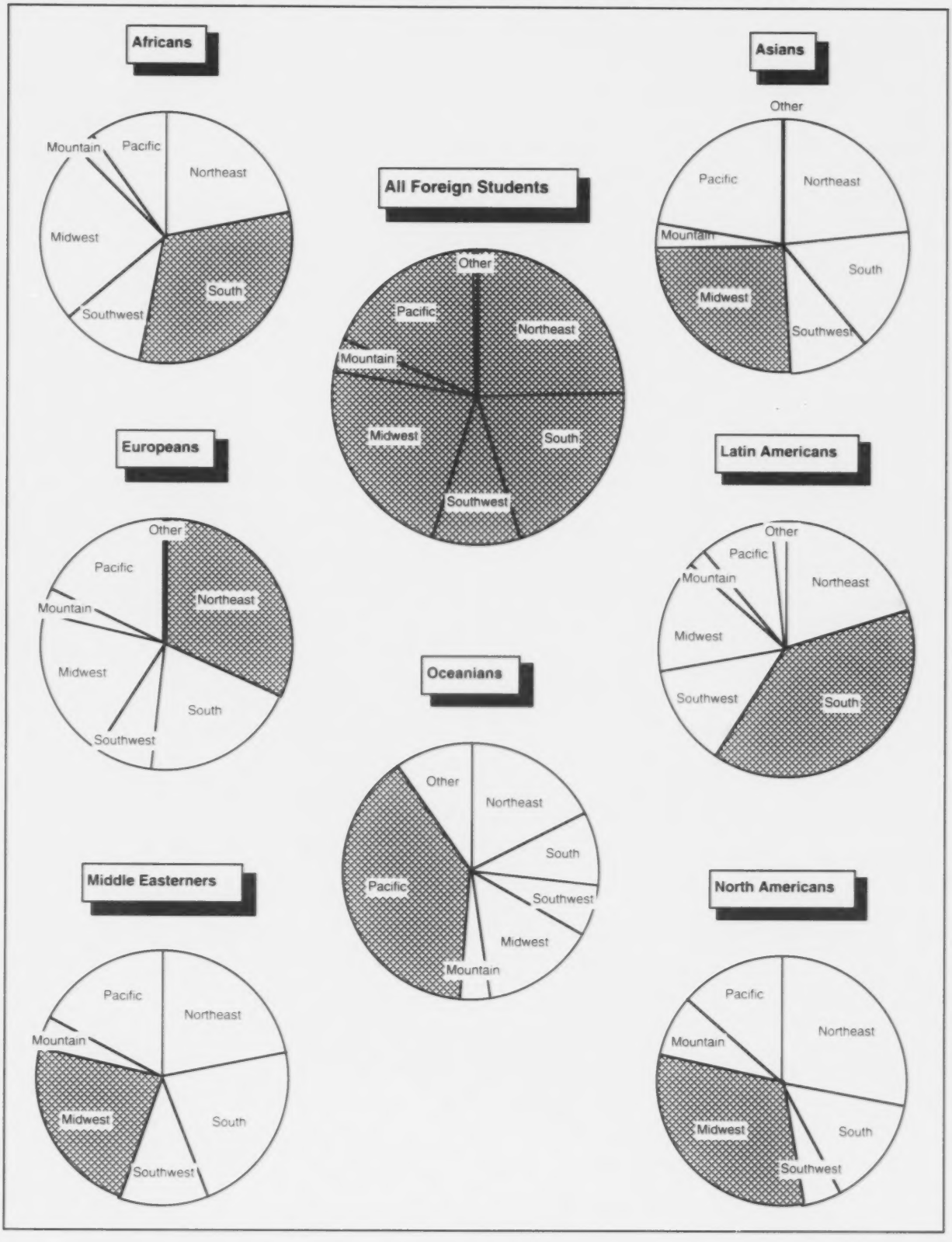


TABLE 5.3

Distribution of Foreign Students from Leading Places of Origin Among U.S. Regions, 1990/91

Locality	U.S. Region							All of U.S.
	Northeast	Midwest	South	Pacific	Southwest	Mountain	Other	
China	27.9	27.4	17.5	13.9	9.2	4.0	0.1	100.0
Japan	21.6	19.0	14.1	33.3	4.8	7.0	0.2	100.0
Taiwan	24.2	26.7	13.3	21.8	11.4	2.4	0.2	100.0
India	30.3	25.8	21.2	8.6	12.0	2.1	0.0	100.0
Korea, Rep. of	25.0	28.4	16.0	18.7	9.1	2.7	0.1	100.0
Canada	27.9	32.2	12.5	13.7	5.6	8.1	0.0	100.0
Malaysia	13.4	36.1	16.3	15.3	16.5	2.4	0.0	100.0
Hong Kong	18.0	20.5	8.5	42.3	8.3	2.3	0.1	100.0
Indonesia	11.6	22.7	10.8	41.9	10.7	2.3	0.0	100.0
Pakistan	24.0	28.4	17.7	9.4	16.8	3.7	0.0	100.0
United Kingdom	33.8	17.2	23.2	15.9	6.7	3.2	0.0	100.0
Thailand	17.9	25.6	14.1	26.8	12.3	3.3	0.0	100.0
Germany	28.1	19.6	19.3	19.8	9.4	3.7	0.1	100.0
Mexico	11.4	14.7	10.4	17.2	41.6	4.4	0.3	100.0
Iran	14.8	18.2	24.3	25.5	13.7	3.5	0.0	100.0
All Foreign Students	**24.6**	**22.8**	**20.6**	**18.2**	**10.0**	**3.4**	**0.4**	**100.0**

less frequently than all foreign students (21.8% compared to 24.6%) and the South more frequently (22.3% compared to the national average of 20.6%).

North Americans, overwhelmingly Canadians, clustered in the regions close to the border, with comparatively high proportions of them in the Midwest (31.4%), Northeast (28.3%), and Mountain (7.8%) regions. Not surprisingly, given the large geographic distances involved, they were under-represented in all other regions of the country.

Oceanians also appear to have been influenced by geography. Four-tenths of them (39%) attended schools in the Pacific region, and a disproportionate 9% (compared to a national average of 0.4%) were in the "Other" region, which includes Guam.

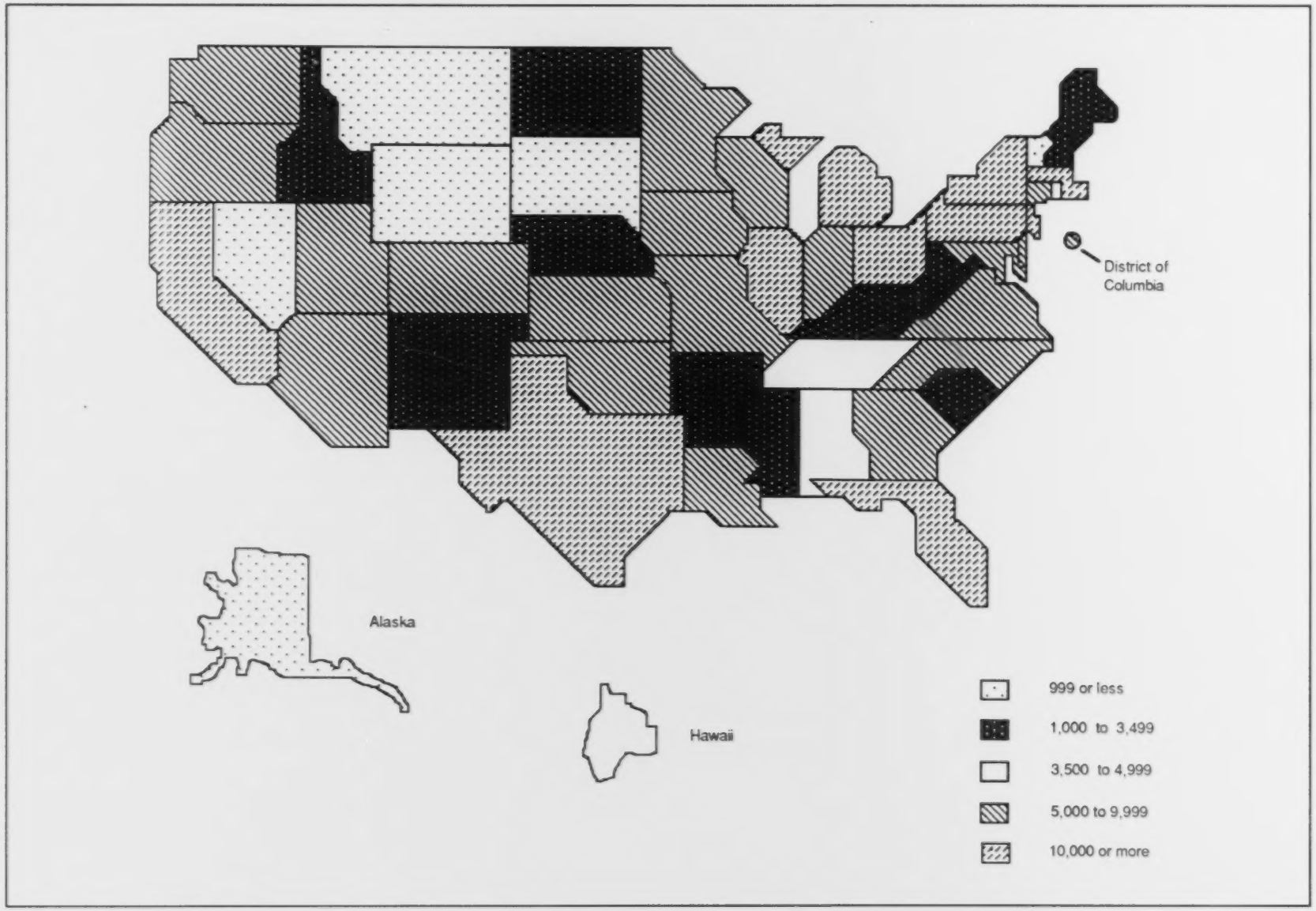
Destination (U.S. Region) by Country or Other Place of Origin. Where students go to study in the United States often depends on their country of origin, as can be seen in **Table 5.3**. For instance, the **Chinese** preferred the Northeast and the Midwest, more than half (55.3%) of them going there. However, their proportions in the Pacific, South and Southwestern regions were smaller than the share of all foreign students in these regions. Over half of the students from **Taiwan** (50.9%) were also attending schools in the Northeast and Midwest, and a relatively large percentage (21.8%, compared to 18.2% for the total foreign student population), were in the Pacific region. However, only 13% were in the South, a proportion much lower than the 20.6% of international students here.

TABLE 5.4

World Region of Origin of Foreign Students Within U.S. Regions, 1990/91

U.S.Region	World Region of Origin							Total
	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	
Northeast	5.3	54.7	16.4	9.8	7.5	5.5	0.8	100.0
Midwest	5.9	61.8	10.2	7.1	8.2	6.2	0.6	100.0
South	9.2	43.6	11.8	22.6	9.1	3.2	0.5	100.0
Pacific	3.1	66.6	11.5	5.7	7.6	3.3	2.2	100.0
Southwest	6.1	57.2	9.0	15.1	9.4	2.5	0.7	100.0
Mountain	4.4	54.8	11.8	8.4	9.1	10.3	1.2	100.0
Other	0.3	14.6	2.3	57.0	0.5	0.5	24.8	100.0
All U.S. Regions	**5.9**	**56.4**	**12.2**	**11.8**	**8.1**	**4.6**	**1.0**	**100.0**

5.C
Foreign Student Enrollments by State, 1990/91



Over one-third of the students from **Japan** (33.3%) and more than four-tenths of those from **Hong Kong** (42.3%) and **Indonesia** (41.9%) attended colleges and universities in the Pacific region, but comparatively few enrolled in schools in the Northeast and the Midwest. Students from **Korea** were more evenly distributed in the various U.S. regions than other East Asian students.

Indians were over-represented in the Northeast (30.3%) and **Pakistanis** in the Midwest (28.4%), and both were under-represented in the Pacific. Not surprisingly, a large proportion (41.6%) of all **Mexicans** studied in the Southwest. Malaysian students were substantially over-represented in the Midwest (36.1%) and in the Southwest (16.5%).

Origin of Foreign Students within U.S. Regions. Thus far we have examined the flow of student groups from different world regions to specific areas within the United States. In this section we will see how these flows affect the composition of the foreign student populations within the various geographical regions of this country and will answer the question "Where do international students in each U.S. region come from?" This analysis is particularly useful to campus officials and policy makers in the United States who are interested in knowing what the composition of the foreign student population is in particular localities. The results of this analysis are presented in **Table 5.4** .

The make-up of the foreign student population in the **Northeast** with regard to region of origin did not vary significantly from the composition of the foreign student population throughout the whole of the United States. The only notable exception is the over-representation of Europeans, who made up 16.4% of the students in the Northeast but only 12.2% of foreign students overall.

In the **Midwest**, at 61.8%, Asians constituted a larger proportion of international enrollments than in any other U.S. region, except the Pacific. Europeans and Middle Easterners each accounted for around 10% and Latin Americans for a relatively low 7.1%. Africans and North Americans made up the remainder, with about 6% each.

Although the largest group of foreign students in the **South** came from Asia (43.6%), the Asians' proportion here is much lower than in any other major region in the continental United States. Latin Americans, on the other hand, accounted for an impressive 22.6% of all international students in the South, a proportion larger than in any other region, except the "Other", which includes Puerto Rico.

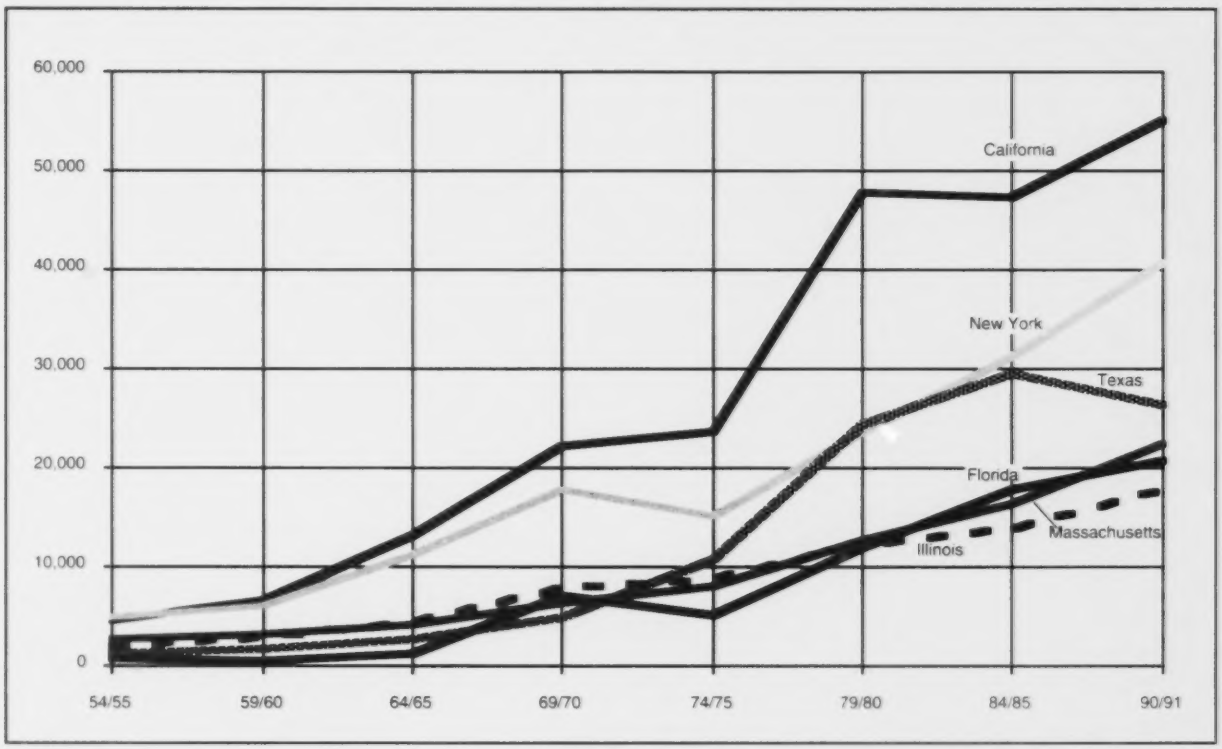
Two-thirds (66.6%) of the international students in the **Pacific** region were from Asia, a proportion well above the overall average of 56.4% and the highest of all U.S. regions. Europeans were the only other group with a

TABLE 5.5

Foreign Students by U.S. State or Territory and Percent Change, 1989/90-1990/91

State	Foreign Students 1989/90	Foreign Students 1990/91	% Change
Alabama	4,513	4,806	6.5
Alaska	364	373	2.5
Arizona	6,763	6,824	0.9
Arkansas	1,710	1,708	-0.1
California	54,178	55,168	1.8
Colorado	4,681	5,287	12.9
Connecticut	4,636	4,979	7.4
Delaware	1,003	1,067	6.4
District of Columbia	9,487	9,709	2.3
Florida	20,364	20,700	1.6
Georgia	5,980	6,319	5.7
Hawaii	4,190	4,770	13.8
Idaho	1,150	1,225	6.5
Illinois	16,816	17,771	5.7
Indiana	7,575	8,061	6.4
Iowa	6,735	7,079	5.1
Kansas	6,009	6,335	5.4
Kentucky	2,543	2,705	6.4
Louisiana	5,535	5,040	-8.9
Maine	902	1,047	16.1
Maryland	6,952	7,865	13.1
Massachusetts	20,840	22,320	7.1
Michigan	13,555	14,366	6.0
Minnesota	5,446	5,882	8.0
Mississippi	1,941	2,094	7.9
Missouri	6,620	7,349	11.0
Montana	770	774	0.5
Nebraska	1,918	2,232	16.4
Nevada	783	964	23.1
New Hampshire	1,262	1,323	4.8
New Jersey	9,608	9,889	2.9
New Mexico	1,399	1,460	4.4
New York	38,350	40,558	5.8
North Carolina	5,764	5,911	2.6
North Dakota	1,341	1,352	0.8
Ohio	13,856	14,798	6.8
Oklahoma	5,989	6,297	5.1
Oregon	6,403	6,192	-3.3
Pennsylvania	15,803	17,571	11.2
Rhode Island	1,858	1,883	1.3
South Carolina	2,381	2,620	10.0
South Dakota	758	776	2.4
Tennessee	4,247	4,317	1.6
Texas	24,170	26,205	8.4
Utah	4,862	5,040	3.7
Vermont	1,206	847	-29.8
Virginia	6,970	7,487	7.4
Washington	6,858	7,625	11.2
West Virginia	1,417	1,653	16.7
Wisconsin	6,438	6,881	6.9
Wyoming	527	549	4.2
Guam	473	558	18.0
Puerto Rico	633	700	10.6
Virgin Islands	319	218	-31.7
TOTAL	**386,851**	**407,529**	**5.3**

5.D
Foreign Student Enrollments in States with the Most Foreign Students, 1954/55 - 1990/91



substantial presence here, accounting for a little over one-tenth (11.8%) of the region's population.

The composition of the overseas students in the **Southwest** varied slightly from the national average. Latin Americans accounted for a higher-than-average share of students in this region (15.1%), while Europeans and North Americans were under-represented at 9% and 2.5%, respectively. Of the remaining students, over one-half (57.2%) were Asians, 9.4% were Middle Easterners, and 6.1% were Africans.

The origins of foreign students in the **Mountain** region were similar to those of all students. However, the share of North Americans (10.3%) here was twice the national average, while that of Latin Americans was below-the-national-average.

The international student population in the "Other" region was most atypical. Of the foreign nationals enrolled in institutions in **Puerto Rico, Guam,** and the **Virgin Islands**, the overwhelming majority came either were from Latin America (57.0%) or Oceania (24.8%).

FOREIGN STUDENTS IN U.S. STATES

The number of international students attending institutions of higher education fluctuated widely among U.S. states and territories, ranging from just over 200 in the Virgin Islands to over 55,000 in California, as **Table 5.5** and **Figure 5.C** show. Nine states had more than 10,000 foreign students, while six states, two territories, and the commonwealth of Puerto Rico had fewer than 1,000.

States with the Most Foreign Students. California, once again, led all states in international student enrollments, with 55,168, representing 13.5.% of the U.S. total (**Table 5.6**). New York followed, with 40,558 students, or 10% of all foreign enrollments. Texas remained in third place, with 26,205 students, 6.4% of the total. Rounding out the top five were Massachusetts with 22,320 students (5.5%) and Florida with 20,700 students (5.1%).

Foreign Student Enrollment by State. The overall increase in the number of foreign students coming to the United States was a strong 5.3%. The inflow of students to many U.S. states and territories, as can be seen by examining **Table 5.5**, also went up considerably. The gains and losses of foreign students by state are displayed in both percentage and absolute terms. It is important to remember that large percentage increases may be the result of small absolute numbers subject to variation from year to year.

TABLE 5.6

States with the Most Foreign Students and Percent Share, Selected Years, 1954/55-1990/91

1954/55

State	Foreign Students	% of Total
New York	4,877	14.2
California	4,608	13.5
Massachusetts	2,524	7.4
Michigan	2,293	6.7
Illinois	1,871	5.5
Pennsylvania	1,299	3.8
Texas	1,205	3.5
District of Columbia	1,200	3.5
Indiana	1,069	3.1
Ohio	991	2.9
TOTAL	**21,937**	**64.1**

1959/60

State	Foreign Students	% of Total
California	6,457	13.3
New York	6,069	12.5
Michigan	3,259	6.7
Massachusetts	3,136	6.5
Illinois	2,889	6.0
District of Columbia	2,020	4.2
Indiana	1,819	3.7
Pennsylvania	1,734	3.6
Texas	1,574	3.2
Ohio	1,550	3.2
TOTAL	**30,507**	**62.9**

1964/65

State	Foreign Students	% of Total
California	13,113	16.0
New York	11,159	13.6
Michigan	5,014	6.1
Illinois	4,425	5.4
Massachusetts	4,116	5.0
Pennsylvania	3,538	4.3
District of Columbia	3,067	3.7
Texas	2,704	3.3
Indiana	2,283	2.8
Ohio	2,255	2.8
TOTAL	**51,674**	**63.0**

1969/70

State	Foreign Students	% of Total
California	22,170	16.4
New York	17,701	13.1
Illinois	7,795	5.8
Florida	6,939	5.2
Michigan	6,774	5.0
Massachusetts	6,352	4.7
Pennsylvania	5,248	3.9
Texas	4,902	3.6
Ohio	4,121	3.1
District of Columbia	3,949	2.9
TOTAL	**85,951**	**63.7**

1974/75

State	Foreign Students	% of Total
California	23,631	15.3
New York	15,011	9.7
Texas	10,703	6.9
Illinois	8,744	5.7
Massachusetts	7,976	5.2
Michigan	7,087	4.6
District of Columbia	6,398	4.1
Florida	5,133	3.3
Pennsylvania	4,898	3.3
Ohio	3,907	2.5
TOTAL	**93,488**	**60.5**

1979/80

State	Foreign Students	% of Total
California	47,621	16.6
Texas	24,416	8.5
New York	23,569	8.2
Massachusetts	12,607	4.4
Illinois	12,218	4.3
Florida	11,919	4.2
Michigan	10,559	3.7
Pennsylvania	8,919	3.1
Ohio	8,672	3.0
District of Columbia	8,499	3.0
TOTAL	**168,999**	**59.0**

1984/85

State	Foreign Students	% of Total
California	47,318	13.8
New York	31,064	9.1
Texas	29,429	8.6
Florida	17,658	5.2
Massachusetts	16,357	4.8
Illinois	13,935	4.1
Michigan	12,175	3.5
Ohio	12,026	3.5
Pennsylvania	11,586	3.4
District of Columbia	9,798	2.9
TOTAL	**201,346**	**58.2**

1990/91

State	Foreign Students	% of Total
California	55,168	13.5
New York	40,558	10.0
Texas	26,205	6.4
Massachusetts	22,320	5.5
Florida	20,700	5.1
Illinois	17,771	4.4
Pennsylvania	17,571	4.3
Ohio	14,798	3.6
Michigan	14,366	3.5
New Jersey	9,889	2.4
TOTAL	**239,346**	**58.7**

TABLE 5.7

Leading Places of Origin of Foreign Students in Leading U.S. States, 1990/91

U.S. State	Place of Origin										
	All Countries	China	Japan	Taiwan	India	Korea, Rep. of	Canada	Malaysia	Hong Kong	Indonesia	Pakistan
California	13.5	9.9	21.1	19.1	6.9	15.0	8.8	10.9	32.7	33.3	7.3
New York	10.0	11.0	8.0	10.6	9.7	11.0	11.7	4.8	8.4	3.4	7.8
Texas	6.4	5.8	2.1	7.1	8.4	5.8	3.1	8.8	6.4	6.1	9.3
Massachusetts	5.5	5.2	5.9	3.5	5.4	3.7	7.1	2.1	4.6	3.9	5.5
Florida	5.1	2.3	1.3	2.4	3.2	2.0	3.0	2.0	1.6	1.8	3.3
Illinois	4.4	5.8	3.9	5.0	5.0	6.7	2.9	4.7	3.8	2.7	5.6
Pennsylvania	4.3	5.3	4.6	4.7	7.1	5.4	3.2	3.3	2.7	2.2	4.6
Ohio	3.6	5.0	2.5	3.6	6.1	4.7	2.8	5.5	2.9	4.2	3.9
Michigan	3.5	3.5	2.5	3.7	4.2	3.9	12.3	4.8	1.7	2.6	4.2
New Jersey	2.4	3.4	1.0	3.9	4.9	2.9	1.6	0.6	1.3	0.7	3.4
Total, 10 Leading States	**58.7**	**57.2**	**52.9**	**63.6**	**60.9**	**61.1**	**56.5**	**47.5**	**66.1**	**60.9**	**54.9**
U.S. TOTAL	**100.0**	**9.7**	**9.0**	**8.2**	**7.1**	**5.7**	**4.5**	**3.3**	**3.1**	**2.3**	**1.9**

Forty-nine states or territories experienced growth in the numbers of foreign students studying within their borders last year. In absolute numbers, only four states gained more than 1,000 students and none lost as many as1,000. New York had the largest number of new students, 2,208, a 5.8% increase over the previous year. Texas followed with 2,035 additional students, an 8.4% increase. Next was Pennsylvania with 1,768 additional students,11.2% more than in the previous year; and Massachusetts, with 1,480 new students, a 7.1% addition. On the other hand, few states saw their foreign student enrollments shrink considerably. The states with the largest declines were Louisiana, with 495 or 8.9% fewer students than the year before; Vermont, with 359 or 29.8% fewer students; and Oregon, with 211 or 3.3% fewer students.

In percentage terms, the largest upsurges in foreign student enrollments (with changes in absolute numbers of students in parentheses) were registered by Nevada with a 23.1% increase (181), Guam, 18.0% (85); West Virginia, 16.7% (236); Nebraska, 16.4% (314); and Maine, 16.1% (145).

Trends. The ranking of the top ten states has not changed significantly since the Census began (**Table 5.6** and **Figure 5.D**). Eight of the ten states with the most foreign students in 1990/91 have been among the top ten since 1955. Except for a brief period when Texas took second place, New York and California have hosted the greatest numbers of foreign students during the history of the Census. California has had the highest enrollments since the late fifties. Massachusetts, third in international student enrollments in the mid-fifties, lost ground in the sixties when more foreign students headed for Michigan and Illinois. Perhaps the most surprising change in the ranking came in 1969/70 when Florida became the fourth most populous state, when in 1965 it was not even among the top ten. Texas, eighth among states with the largest foreign student numbers in 1969/70, leaped to third place a short five years later and even drew more students than New York in 1979/80.

Destination (Top Ten U.S. States) of Students from Leading Countries or Other Places of Origin. Students from abroad had a tendency to favor not only a specific U.S. region but even a specific state. **Table 5.7** presents the distribution of students from each of the ten leading countries among the ten states with the highest foreign student enrollments.

Some of the most notable variations in the pattern of distribution occurred in California. Compared to its share (13.5%) of all foreign students, California had disproportionately high percentages of students from Indonesia (33.3%), Hong Kong (32.7%), and Japan (21.1%). In New York, the variation was not as great. Compared to a share of 10% of all foreign students, New York had somewhat higher proportions of Canadians (11.7%), Chinese (11%), and Koreans (11%). Students from Indonesia (3.4%), and Malaysia (4.8%) accounted for small proportions of foreign students in New York. It is interesting to note that Florida, with 5.1% of all foreign students, had far less than 5% of the students from any of the top ten sending countries. This is probably due to the large number of Latin American students studying there; none

TABLE 5.8

Number of Nationalities of Foreign Students by State, 1990/91

State	Foreign Students	Number of Nationalities
Alabama	4,806	128
Alaska	373	52
Arizona	6,824	133
Arkansas	1,708	106
California	55,168	168
Colorado	5,287	135
Connecticut	4,979	128
Delaware	1,067	89
District of Columbia	9,709	164
Florida	20,700	161
Georgia	6,319	139
Hawaii	4,770	98
Idaho	1,225	104
Illinois	17,771	155
Indiana	8,061	143
Iowa	7,079	141
Kansas	6,335	143
Kentucky	2,705	121
Louisiana	5,040	138
Maine	1,047	99
Maryland	7,865	133
Massachusetts	22,320	161
Michigan	14,366	139
Minnesota	5,882	136
Mississippi	2,094	103
Missouri	7,349	143
Montana	774	67
Nebraska	2,232	111
Nevada	964	70
New Hampshire	1,323	91
New Jersey	9,889	134
New Mexico	1,460	115
New York	40,558	164
North Carolina	5,911	146
North Dakota	1,352	77
Ohio	14,798	147
Oklahoma	6,297	120
Oregon	6,192	126
Pennsylvania	17,571	156
Rhode Island	1,883	105
South Carolina	2,620	134
South Dakota	776	59
Tennessee	4,317	136
Texas	26,205	156
Utah	5,040	121
Vermont	847	95
Virginia	7,487	137
Washington	7,625	133
West Virginia	1,653	101
Wisconsin	6,881	130
Wyoming	549	65
Guam	558	18
Puerto Rico	700	51
Virgin Islands	218	14
TOTAL	**407,529**	**193**

of these countries ranked in the top 10. Also interesting is the fact that although only 3.5% of all foreign students were in Michigan, 12.3% of all Canadians were studying in that state.

Number of Nationalities of Foreign Students by U. S. State. The number of nationalities represented in the international student population of the different states varied considerably, ranging from 14 to 168, as one can see in **Table 5.8**. Thirty-nine states and the District of Columbia had students from more than 100 nations or other places of origin, while two territories enrolled students from fewer than 20 nations.

California had the most ethnically diverse population, with students from 168 different countries or other places of origin. The international student populations in New York and the District of Columbia were almost as di verse, with 164 nationalities being represented. Other states with populations comprising a very wide range of national origins were Massachusetts and Florida, each with students from 161 nations; Pennsylvania and Texas with 156 nations represented in each; and Illinois with students from155 countries or other places.

Five states with fewer than 2,00 international students nonetheless had over 100 places of origin represented among their foreign student populations. These were New Mexico with 115, Arkansas with 106, Rhode Island with 105, Idaho with 104, and West Virginia with 101. Other states with less than 1,000 international students but with many nationalities represented were Vermont, whose 847 students came from 95 different places of origin; Nevada with 964 students from 70 countries; and Montana with 67 countries and 774 students.

It is interesting to observe that wide ethnic diversity is also evident in states and territories with the least number of countries represented among their populations. For instance, Alaska drew students from 52 countries. While this number seems small, compared to states discussed above, it is surprisingly high, given the remoteness of this state. Similarly, Puerto Rico had students from 51 different countries or other places. Even Guam and the Virgin Islands drew students from 18 and14 countries respectively, largely from their own geographic regions of Oceania and the Caribbean.

6. FOREIGN STUDENTS IN TWO-YEAR AND FOUR-YEAR INSTITUTIONS

ALL INSTITUTIONS

In 1990/91, the vast majority of the international students in the United States (86%) chose to study in institutions that offer at least bachelor's degrees, as an examination of **Table 6.0** reveals. While their preference for four-year schools is not new, it contrasts sharply with the educational choices made by all higher education students in the United States, only 58.4% of whom studied in four-year institutions last year.

Trends. Enrollment patterns of all students and international students were not as divergent in the past. In the mid-seventies, only about a third of all students (34%) and less than half that amount of foreign students (14%) enrolled in two-year schools. The gap grew over the years, however. While the share of the entire higher education population attending junior and community colleges grew substantially, reaching almost 42% last year, the share of foreign students enrolled in such schools remained relatively stable (14% last year).

Distribution by State. Given foreign students' preference for four-year schools (85.8%), it is not surprising that in every state and territory, with the exception of

TABLE 6.0

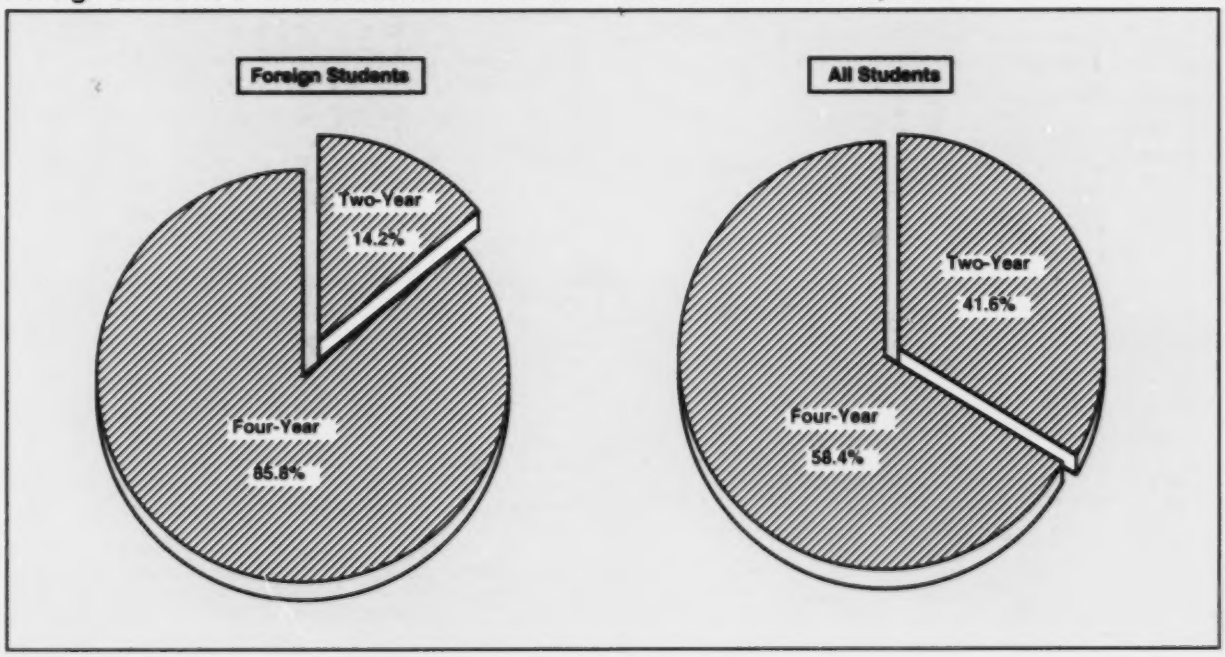
Foreign Students and All Students in Two- and Four-Year Institutions, Selected Years, 1975/76-1990/91

Year	Foreign Students		All Students[1]	
	Two-Year	Four-Year	Two-Year	Four-Year
1975/76	14.4	85.6	34.1	65.9
1979/80	17.4	82.6	36.3	63.7
1980/81	17.4	82.6	37.1	62.9
1981/82	15.4	84.6	38.1	61.9
1982/83	14.2	85.8	38.4	61.6
1983/84	12.8	87.2	39.3	60.7
1984/85	12.3	87.7	44.0	56.0
1985/86	12.2	87.8	38.6	61.4
1986/87	12.2	87.8	39.8	60.2
1987/88	12.9	87.1	39.3	60.7
1988/89	12.7	87.3	40.1	59.9
1989/90	13.6	86.4	40.7	59.3
1990/91	14.2	85.8	41.6	58.4

[1] *Percentages for reported total enrollments from 1975/76 to 1982/83 are based on figures from the National Center for Education Statistics, Washington, D.C. Figures since 1983/84 are from the College Board, New York, NY.*

6.A

Foreign Students and All Students in Two- and Four-Year Institutions, 1990/91



6.B

Foreign Students in Two- and Four-Year Institutions by State, 1990/91

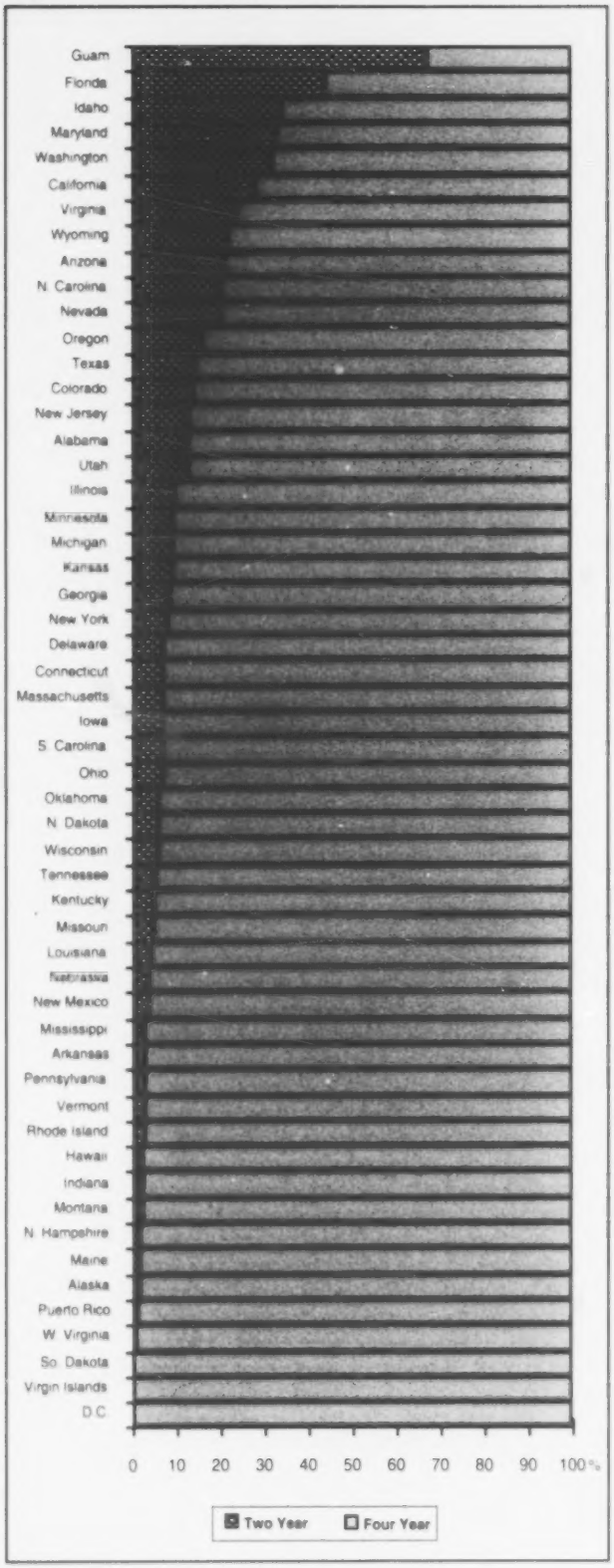


TABLE 6.1

Foreign Students in Two- and Four-Year Institutions by State, 1990/91

State	Two-Year		Four-Year		Total
	Number	%	Number	%	
Alabama	615	12.8	4,191	87.2	4,806
Alaska	9	2.4	364	97.6	373
Arizona	1,433	21.0	5,391	79.0	6,824
Arkansas	43	2.5	1,665	97.5	1,708
California	15,171	27.5	39,997	72.5	55,168
Colorado	733	13.9	4,554	86.1	5,287
Connecticut	330	6.6	4,649	93.4	4,979
Delaware	75	7.0	992	93.0	1,067
Dis. of Columbia	—	—	9,709	100.0	9,709
Florida	9,095	43.9	11,605	56.1	20,700
Georgia	582	9.2	5,737	90.8	6,319
Hawaii	157	3.3	4,613	96.7	4,770
Idaho	418	34.1	807	65.9	1,225
Illinois	1,667	9.4	16,104	90.6	17,771
Indiana	214	2.7	7,847	97.3	8,061
Iowa	474	6.7	6,605	93.3	7,079
Kansas	547	8.6	5,788	91.4	6,335
Kentucky	139	5.1	2,566	94.9	2,705
Louisiana	260	5.2	4,780	94.8	5,040
Maine	24	2.3	1,023	97.7	1,047
Maryland	2,567	32.6	5,298	67.4	7,865
Massachusetts	1,502	6.7	20,818	93.3	22,320
Michigan	1,319	9.2	13,047	90.8	14,366
Minnesota	512	8.7	5,370	91.3	5,882
Mississippi	72	3.4	2,022	96.6	2,094
Missouri	389	5.3	6,960	94.7	7,349
Montana	18	2.3	756	97.7	774
Nebraska	92	4.1	2,140	95.9	2,232
Nevada	196	20.3	768	79.7	964
New Hampshire	20	1.5	1,303	98.5	1,323
New Jersey	1,291	13.1	8,598	86.9	9,889
New Mexico	61	4.2	1,399	95.8	1,460
New York	3,410	8.4	37,148	91.6	40,558
North Carolina	1,207	20.4	4,704	79.6	5,911
North Dakota	80	5.9	1,272	94.1	1,352
Ohio	1,073	7.3	13,725	92.7	14,798
Oklahoma	382	6.1	5,915	93.9	6,297
Oregon	982	15.9	5,210	84.1	6,192
Pennsylvania	499	2.8	17,072	97.2	17,571
Rhode Island	50	2.7	1,833	97.3	1,883
South Carolina	193	7.4	2,427	92.6	2,620
South Dakota	1	0.1	775	99.9	776
Tennessee	205	4.7	4,112	95.3	4,317
Texas	3,755	14.3	22,450	85.7	26,205
Utah	643	12.8	4,397	87.2	5,040
Vermont	30	3.5	817	96.5	847
Virginia	1,786	23.9	5,701	76.1	7,487
Washington	2,464	32.3	5,161	67.7	7,625
West Virginia	12	0.7	1,641	99.3	1,653
Wisconsin	422	6.1	6,459	93.9	6,881
Wyoming	120	21.9	429	78.1	549
Guam	376	67.4	182	32.6	558
Puerto Rico	5	0.7	695	99.3	700
Virgin Islands	—	—	218	100.0	218
TOTAL	**57,720**	**14.2**	**349,809**	**85.8**	**407,529**

TABLE 6.2

Foreign Students in Two- and Four-Year Institutions by World Region, Subregion and Leading Place of Origin, 1988/89-1990/91

Region/Locality	Two-Year Institutions			Four-Year Institutions		
	1988/89	1989/90	1990/91	1988/89	1989/90	1990/91
AFRICA	**12.4%**	**14.6%**	**13.4%**	**87.6%**	**85.4%**	**86.6%**
North Africa	**10.3**	**13.2**	**14.3**	**89.7**	**86.8**	**85.7**
Egypt	7.4	7.5	10.7	92.6	92.5	89.3
Morocco	24.8	31.6	29.1	75.2	68.4	70.9
Tunisia	2.3	3.2	2.8	97.7	96.8	97.2
Sudan	12.7	10.9	13.0	87.3	89.1	87.0
Algeria	3.0	6.0	8.3	97.0	94.0	91.7
Libya	7.5	11.2	11.8	92.5	88.8	88.2
Sub-Saharan Africa[1]	**12.8**	**15.0**	**13.2**	**87.2**	**85.0**	**86.8**
Nigeria	8.7	11.6	10.0	91.3	88.4	90.0
Kenya	15.0	18.2	14.1	85.0	81.8	85.9
South Africa	9.4	9.3	8.8	90.6	90.7	91.2
Ethiopia	25.9	32.3	30.9	74.1	67.7	69.1
Ghana	9.7	9.8	8.7	90.3	90.2	91.3
ASIA	**8.1**	**9.4**	**10.0**	**91.9**	**90.6**	**90.0**
East Asia	**8.1**	**9.6**	**11.0**	**91.9**	**90.4**	**89.0**
China	4.2	4.7	4.1	95.8	95.3	95.9
Japan	21.1	23.2	25.8	78.9	76.8	74.2
Taiwan	3.0	3.5	4.5	97.0	96.5	95.5
Korea, Rep. of	2.8	3.2	4.7	97.2	96.8	95.3
Hong Kong	13.2	16.4	18.4	86.8	83.6	81.6
South and Central Asia	**5.8**	**6.0**	**4.9**	**94.2**	**94.0**	**95.1**
India	3.1	3.2	2.5	96.9	96.8	97.5
Pakistan	11.3	10.7	9.0	88.7	89.3	91.0
Bangladesh	12.3	14.4	10.7	87.7	85.6	89.3
Sri Lanka	8.9	8.5	8.3	91.1	91.5	91.7
Nepal	7.8	13.7	13.7	92.2	86.3	86.3
Southeast Asia	**10.0**	**11.8**	**11.7**	**90.0**	**88.2**	**88.3**
Malaysia	4.3	5.0	4.7	95.7	95.0	95.3
Indonesia	14.0	14.0	14.6	86.0	86.0	85.4
Thailand	9.4	11.0	10.3	90.6	89.0	89.7
Singapore	6.0	5.0	5.9	94.0	95.0	94.1
Philippines	15.8	17.7	17.3	84.2	82.3	82.7
EUROPE	**9.1**	**9.5**	**9.6**	**90.9**	**90.5**	**90.4**
Eastern Europe	**12.8**	**14.0**	**16.1**	**87.2**	**86.0**	**83.9**
Poland	14.5	15.2	20.3	85.5	84.8	79.7
U.S.S.R.	21.1	21.6	24.0	78.9	78.4	76.0
Yugoslavia	7.1	9.2	8.2	92.9	90.8	91.8
Hungary	15.3	13.3	11.0	84.7	86.7	89.0
Romania	32.9	15.8	19.8	67.1	84.2	80.2
Western Europe	**8.9**	**9.1**	**8.9**	**91.1**	**90.9**	**91.1**
United Kingdom	7.8	8.5	7.9	92.2	91.5	92.1
Germany	8.0	9.1	7.5	92.0	90.9	92.5
France	9.5	10.7	10.5	90.5	89.3	89.5
Greece	6.7	6.3	6.5	93.3	93.7	93.5
Spain	9.7	9.9	9.6	90.3	90.1	90.4
LATIN AMERICA	**26.0**	**27.3**	**26.1**	**74.0**	**72.7**	**73.9**
Caribbean	**27.9**	**31.3**	**29.4**	**72.1**	**68.7**	**70.6**
Jamaica	18.2	29.6	20.5	81.8	70.4	79.5
Trinidad and Tobago	16.6	22.5	20.4	83.4	77.5	79.6
Bahamas	20.6	21.2	18.5	79.4	78.8	81.5
Haiti	56.1	55.3	58.4	43.9	44.7	41.6
Cuba	91.9	91.1	90.8	8.1	8.9	9.2
Central America	**34.5**	**32.7**	**31.9**	**65.5**	**67.3**	**68.1**
Mexico	28.0	24.6	23.5	72.0	75.4	76.5
Nicaragua	83.5	83.5	82.6	16.5	16.5	17.4
Panama	21.7	19.7	19.6	78.3	80.3	80.4
Honduras	25.1	22.3	26.7	74.9	77.7	73.3
El Salvador	34.7	32.1	29.4	65.3	67.9	70.6
South America	**17.8**	**20.0**	**19.0**	**82.2**	**80.0**	**81.0**
Brazil	13.0	14.9	14.5	87.0	85.1	85.5
Colombia	22.7	23.8	22.4	77.3	76.2	77.6
Venezuela	19.3	19.4	19.6	80.7	80.6	80.4
Peru	20.0	26.3	24.8	80.0	73.7	75.2
Argentina	10.7	13.4	13.1	89.3	86.6	86.9
MIDDLE EAST	**16.3**	**16.7**	**15.4**	**83.7**	**83.3**	**84.6**
Iran	19.8	19.2	16.0	80.2	80.8	84.0
Jordan	18.9	21.0	20.2	81.1	79.0	79.8
Turkey	5.6	6.4	6.7	94.4	93.6	93.3
Lebanon	16.5	19.2	17.9	83.5	80.8	82.1
Saudi Arabia	13.6	13.2	15.6	86.4	86.8	84.4
NORTH AMERICA	**9.4**	**8.5**	**8.3**	**90.6**	**91.5**	**91.7**
Canada	8.9	8.0	8.2	91.1	92.0	91.8
Bermuda	20.0	20.9	10.4	80.0	79.1	89.6
OCEANIA	**16.2**	**17.6**	**17.4**	**83.8**	**82.4**	**82.6**
Australia	5.8	7.3	8.6	94.2	92.7	91.4
Pacific Islands, Trust Ter. of	45.8	40.9	47.1	54.2	59.1	52.9
New Zealand	4.6	6.9	5.8	95.4	93.1	94.2
All Foreign Students	**12.7**	**13.6**	**14.2**	**87.3**	**86.4**	**85.8**

[1] *Includes Eastern, Central, Southern, and West Africa.*

Guam, the majority of them attended these institutions (**Table 6.1**). In Guam enrollments in two-year institutions (376 or 67.4%) greatly outnumbered enrollments in four-year schools (182 students or 32.6%).

In most states and territories, well over three-quarters of the international students were enrolled in four-year institutions (**Table 6.1**). In some cases, such as in the District of Columbia and the Virgin Islands, all of the foreign students were enrolled in four-year schools. In South Dakota, West Virginia, and Puerto Rico, almost as high percentages attended such institutions, 99.9%, 99.3%, and again 99.3%, respectively. Florida, with 43.9% and Idaho, with 34.1%, were the only states in which more than one-third of the foreign students attended community and junior colleges. Maryland (32.6%), Washington (32.3%), California (27.5%), Virginia (23.9%), Wyoming (21.9%), Arizona (21.0%), North Carolina (20.4%), and Nevada (20.3%) were the only other states where the share of two-year students exceed one-fifth of the total foreign enrollment. While the number of foreign students attending two-year institutions remains low, it is increasing. Thus in 1990/91, the states where more than one-fifth of the foreign students attended community colleges increased by three.

Distribution by Geographic Origin. Students from different world regions, and, in some cases, from different countries within the same region, attended two- and four-year institutions in varying proportions, as **Table 6.2** shows. For instance, the percentages of all **Africans** in two- and four-year schools were close to the norm for all foreign students. However, students from Morocco attended two-year colleges about twice as often (29.1%), while Tunisian students chose these schools one-fourth as often (2.8%). Algerians were also under-represented in two-year schools, with only 8.3% enrolled there compared to the overall figure of 14.3% for North Africa. Sub-Saharan Africans enrolled in two- and four-year schools in proportions close to those of the whole foreign student population. Nonetheless, as many as 30.9% of Ethiopians and 14.1% of Kenyans attended two-year institutions, while only 8.8% of South Africans did.

Since a large majority of **Asians** were graduate students, a larger proportion of them were found in four-year schools (90%) than foreign students overall (86.6%). India (97.5%), China (95.9%), Taiwan (95.5%), Malaysia (95.3%), and Korea (95.3%) had particularly high percentages of their students in four-year schools. Japan was the only Asian country with fewer than three-fourths of its students (74.2%) in four-year schools. Interestingly, the share of Japanese going to two-year schools has been increasing slightly but steadily by roughly 2% a year since 1988/89.

TABLE 6.3

Foreign Students In Two-Year Institutions by State and Percent Change, 1989/90-1990/91

State	Foreign Students		% Change
	1989/90	1990/91	
Alabama	497	615	23.7
Alaska	6	9	50.0
Arizona	1,246	1,433	15.0
Arkansas	51	43	-15.7
California	13,129	15,171	15.6
Colorado	605	733	21.2
Connecticut	335	330	-1.5
Delaware	73	75	2.7
District of Columbia	0	0	—
Florida	8,529	9,095	6.6
Georgia	533	582	9.2
Hawaii	109	157	44.0
Idaho	362	418	15.5
Illinois	1,600	1,667	4.2
Indiana	194	214	10.3
Iowa	409	474	15.9
Kansas	496	547	10.3
Kentucky	213	139	-34.7
Louisiana	256	260	1.6
Maine	16	24	50.0
Maryland	2,370	2,567	8.3
Massachusetts	1,619	1,502	-7.2
Michigan	1,437	1,319	-8.2
Minnesota	493	512	3.9
Mississippi	88	72	-18.2
Missouri	331	389	17.5
Montana	18	18	0.0
Nebraska	60	92	53.3
Nevada	119	196	64.7
New Hampshire	49	20	-59.2
New Jersey	1,312	1,291	-1.6
New Mexico	54	61	13.0
New York	3,052	3,410	11.7
North Carolina	1,190	1,207	1.4
North Dakota	81	80	-1.2
Ohio	727	1,073	47.6
Oklahoma	653	382	-41.5
Oregon	859	982	14.3
Pennsylvania	359	499	39.0
Rhode Island	53	50	-5.7
South Carolina	143	193	35.0
South Dakota	2	1	-50.0
Tennessee	226	205	-9.3
Texas	3,441	3,755	9.1
Utah	505	643	27.3
Vermont	19	30	57.9
Virginia	1,720	1,786	3.8
Washington	2,021	2,464	21.9
West Virginia	8	12	50.0
Wisconsin	381	422	10.8
Wyoming	71	120	69.0
Guam	314	376	19.7
Puerto Rico	8	5	-37.5
Virgin Islands	0	0	—
TOTAL	**52,442**	**57,720**	**10.1**

TABLE 6.4

States with the Most Foreign Students in Two-Year Institutions and Percent Share, 1990/91

State	Foreign Students	% of Year Total
California	15,171	25.3
Florida	9,095	15.8
Texas	3,755	6.5
New York	3,410	5.9
Maryland	2,567	4.4
Washington	2,464	4.3
Virginia	1,786	3.1
Illinois	1,667	2.9
Massachusetts	1,502	2.6
Arizona	1,433	2.5
TOTAL	42,850	74.3

European students as a whole chose four-year institutions (90.4%) slightly more often than all foreign students, although the rather small contingent of Eastern Europeans was near the overall norm for foreign students (83.9%). A particularly high percentage of students from the U.S.S.R. (24.0%) attended two-year schools, while the proportions of Western Europeans in two-year institutions was low, ranging from 6.5% among Greeks to 10.5% among the French.

On the whole, **Latin Americans** studied in two-year schools much more frequently than students from other world regions. More than a quarter of them (26.1%) enrolled in these schools, almost twice as many as foreign students overall. Central Americans (31.9%) and Caribbeans (29.4%) were especially over-represented in two-year institutions. Cuba (90.8%), Nicaragua (82.6%), and, to a lesser degree, Haiti (58.4%) all had a majority of their foreign students in two-year schools. It should be noted that a large number of the students from these countries are refugees who, unlike other international students, will live in this country after they complete their studies. In the future, refugees will not be included in the Census, since the aim of this survey is to measure the flows of temporary students.

The South American subregion had proportionately fewer two-year students than Latin America overall, but more than the entire foreign student population, with 19.0% enrolled in these schools. Only Argentinians (13.1%) and Brazilians (14.5%) attended two-year institutions in proportions close to the national average.

Middle Easterners were distributed in two-year and four-year schools in proportions close to those of the entire foreign student population, with 15.4% in the former. However, relatively high proportions of Jordanians (20.2%) and Lebanese (17.9%) and a considerably low share of Turkish students (6.7%) attended community colleges.

TABLE 6.5

Two-Year Institutions with the Most Foreign Students and Percent Change, 1989/90-1990/91

Rank			Foreign Students		
1989/90	1990/91	Institution	1989/90	1990/91	% Change
1	1	Miami-Dade Community College, FL	5,518	5,757[1]	4.3
2	2	Northern Virginia Community College, VA	1,562	1,645	5.3
3	3	Santa Monica College, CA	1,079	1,360	26.0
4	4	Montgomery College, Rockville, MD	1,063	1,108	4.2
5	5	CUNY LaGuardia Community College, NY	864	1,018	17.8
7	6	Harold Washington College, IL	768	880	14.6
—	7	Houston Community College, TX	638	861	35.0
6	8	Broward Community College, FL	804	760	-5.5
—	9	East Los Angeles College, CA	591	743	25.7
—	10	Cuyahoga Community College, Metro Campus, OH	370	708	91.4
Total, 10 Leading Two-Year Institutions			13,663[2]	14,840	8.6
% of All Two-Year Institutions			26.1[2]	25.7	
TOTAL, ALL TWO-YEAR INSTITUTIONS			52,442	57,720	10.1

[1]The total figure for this institution includes 3,539 refugees. Next year, when Open Doors data will exclude refugees, Miami-Dade's foreign student enrollments will be significantly lower.

[2]Totals are for the ten leading two-year institutions of 1989/90, which included Bunker Hill Community College, MA (ranked eighth), Pima Community College, AZ (ranked ninth) and Los Angeles City College, CA (ranked tenth).

North Americans grouped primarily in four-year institutions, with 91.7% attending such schools. Interestingly, the share of students from Bermuda attending two-year schools dropped dramatically from 20.9% in 1989/90 to 10.4% last year. Since the North American foreign student population, however, consists almost entirely of Canadians, fluctuations in the relatively small foreign student population from Bermuda have little effect on the regional average, which has remained stable in the past three years.

Two different trends can be observed among **Oceanians**. On one hand, both New Zealanders (94.2%) and Australians (91.4%) strongly preferred four-year institutions. On the other hand, large proportions of students from the Pacific Islands Trust Territory enrolled in community and junior colleges, with 47.1% in such schools, up from 40.9% in the previous year.

Distribution by Leading Country of Origin. The countries or other places with the highest proportions of students in four-year institutions last year, presented in **Table 6.2**, were India (97.5%), Tunisia (97.2%), China (95.9%), Taiwan (95.5%), Korea (95.3%), and Malaysia (95.3%). All but one are in Asia. The places with the highest percentages of two-year students included Cuba (90.8%), Nicaragua (82.6%), Haiti (58.4%), and the Pacific Island Trust Territories (47.1%), all but one in Latin America. Many of these students are refugees enrolled in two-year schools in the Southern United States.

TWO-YEAR INSTITUTIONS

Distribution by State. Actual enrollments of international students in two-year institutions rose more than 10% last year, the additional 5,278 students bringing last year's total to 57,720. Two-year students accounted for 14.2% of the entire foreign student population, the largest share they've held since 1982/83 (**Table 6.0**). The trend toward greater enrollments in two-year schools was evident for much of the late eighties. Last year's increase of 10.1% followed a 12% expansion in 1989/90 and a 1.4% rise the previous year (**Table 6.3**).

The states with the largest two-year enrollments were California, with 15,171; Florida, with 9,095 (nearly 6,000 of them in a single institution—Miami-Dade Community College); Texas, with 3,755; and New York, with 3,410. Ten other states had over 1,000 foreign students in two-year schools. Together, the top ten states held almost three-quarters (74.3%) of all international students attending junior and community colleges (**Table 6.4**).

Overall, attendance of foreign students in two-year institutions went up in 37 states last year, in 15 of these by more than 20%. However, in only six states did actual

TABLE 6.6

Foreign Students in Four-Year Institutions by State and Percent Change, 1989/90-1990/91

State	Foreign Students 1989/90	Foreign Students 1990/91	% Change
Alabama	4,016	4,191	4.4
Alaska	358	364	1.7
Arizona	5,517	5,391	-2.3
Arkansas	1,659	1,665	0.4
California	41,049	39,997	-2.6
Colorado	4,076	4,554	11.7
Connecticut	4,301	4,649	8.1
Delaware	930	992	6.7
District of Columbia	9,487	9,709	2.3
Florida	11,835	11,605	-1.9
Georgia	5,447	5,737	5.3
Hawaii	4,081	4,613	13.0
Idaho	788	807	2.4
Illinois	15,216	16,104	5.8
Indiana	7,381	7,847	6.3
Iowa	6,326	6,605	4.4
Kansas	5,513	5,788	5.0
Kentucky	2,330	2,566	10.1
Louisiana	5,279	4,780	-9.5
Maine	886	1,023	15.5
Maryland	4,582	5,298	15.6
Massachusetts	19,221	20,818	8.3
Michigan	12,118	13,047	7.7
Minnesota	4,953	5,370	8.4
Mississippi	1,853	2,022	9.1
Missouri	6,289	6,960	10.7
Montana	752	756	0.5
Nebraska	1,858	2,140	15.2
Nevada	664	768	15.7
New Hampshire	1,213	1,303	7.4
New Jersey	8,296	8,598	3.6
New Mexico	1,345	1,399	4.0
New York	35,298	37,148	5.2
North Carolina	4,574	4,704	2.8
North Dakota	1,260	1,272	1.0
Ohio	13,129	13,725	4.5
Oklahoma	5,336	5,915	10.9
Oregon	5,544	5,210	-6.0
Pennsylvania	15,444	17,072	10.5
Rhode Island	1,805	1,833	1.6
South Carolina	2,238	2,427	8.4
South Dakota	756	775	2.5
Tennessee	4,021	4,112	2.3
Texas	20,729	22,450	8.3
Utah	4,357	4,397	0.9
Vermont	1,187	817	-31.2
Virginia	5,250	5,701	8.6
Washington	4,837	5,161	6.7
West Virginia	1,409	1,641	16.5
Wisconsin	6,057	6,459	6.6
Wyoming	456	429	-5.9
Guam	159	182	14.5
Puerto Rico	625	695	11.2
Virgin Islands	319	218	-31.7
TOTAL	**334,409**	**349,809**	**4.6**

TABLE 6.7

States With the Most Foreign Students in Four-Year Institutions and Percent Share, 1990/91

State	Foreign Students	% of Total
California	39,997	11.4
New York	37,148	10.6
Texas	22,450	6.4
Massachusetts	20,818	6.0
Pennsylvania	17,072	4.9
Illinois	16,104	4.6
Ohio	13,725	3.9
Michigan	13,047	3.7
Florida	11,605	3.3
District of Columbia	9,709	2.8
TOTAL	**201,675**	**57.6**

enrollments increase by more than 100 students (**Table 6.3**). In percentage terms, the largest growth occurred in Wyoming (69.0%), Nevada (64.7%), Vermont (57.9%), and Nebraska (53.3%). In seven states enrollments of international students in junior and community colleges shrank by more than 10%, although only in Oklahoma and Massachusetts did this translate into a loss of more than 100 students (271 and 117, respectively). The largest percentage declines occurred in New Hampshire (59.2%) and South Dakota (50.0%). In actual numbers, however, South Dakota's foreign student population decreased by only one student.

As in the previous year, the largest increment in absolute terms occurred in California, where enrollments in two-year institutions increased by 2,042. Three other states with significant enrollment growth in two-year institutions were Florida with 566 additional students; Washington, with 443 more; and New York, with 358 more.

Two-Year Institutions with the Most Foreign Students. Data in **Table 6.5** show that in 1990/91, as in the previous year, Miami-Dade Community College had more foreign students than any other two-year college in the country. With 5,757 students—3,539 of them refugees—Miami-Dade was host to almost two-thirds of Florida's entire two-year foreign student population. Its enrollment was three and one-half times that of the next leading school, Northern Virginia Community College, which had 1,645 foreign students. Santa Monica College was third, with 1,360 students, followed closely by Montgomery College, with 1,108 foreign nationals, and City University of New York—La Guardia Community College, with 1,018. None of the other community or junior colleges with the international student enrollments had 1,000 or more students. Three schools which were not among the top ten in 1989/90 joined the ranks last year: Houston Community College, ranking seventh; East Los Angeles College, ninth; and Cuyahoga Community College, Metro Campus, tenth, but having the greatest numerical increase (338 students) of these three schools.

TABLE 6.8

Four-Year Institutions with the Most Foreign Students and Percent Change, 1989/90-1990/91

Rank			Foreign Students		
1989/90	1990/91	Institution	1989/90	1990/91	% Change
1	1	University of Southern California, CA	3,705	3,886	4.9
2	2	University of Texas, Austin, TX	3,568	3,867	8.4
4	3	Boston University, MA	3,248	3,633	11.9
3	4	University of Wisconsin-Madison, WI	3,295	3,565	8.2
9	5	University of Pennsylvania, PA	2,778	3,122	12.4
7	6	Columbia University, NY	2,849	3,077	8.0
6	7	Ohio State University, Main Campus, OH	2,887	3,021	4.6
8	8	University of Illinois at Urbana-Champaign, IL	2,794	2,967	6.2
5	9	University of California, Los Angeles, CA	3,126	2,921	-6.6
—	10	University of Minnesota, Twin Cities, MN	2,555	2,636	3.2
Total, 10 Leading Four-Year Institutions			**30,865** [1]	**32,695**	**5.9**
% of All Four-Year Institutions			**9.2** [1]	**9.3**	
TOTAL, ALL FOUR-YEAR INSTITUTIONS			**334,409**	**349,809**	**4.6**

[1] *Totals are for the ten leading four-year institutions of 1989/90, which included Southern Illinois University, Carbondale, IL (ranked tenth).*

FOUR-YEAR INSTITUTIONS

Distribution by State. International student enrollments in four-year institutions increased by 4.6% over the past year, as can be seen in **Table 6.6**. This translates to an actual gain of 15,400 students, a number over two and one-half times higher than the additional students in two-year schools. Six states had over 15,000 four-year foreign students, accounting for 44% of all four-year foreign students. They were California, with 39,997 students; New York, with 37,148; Texas, with 22,450; Massachusetts, with 20,818; Pennsylvania with 17,072; and Illinois, with 16,104. The top ten schools held a total of 201,675 four-year foreign students, almost six of every ten (57.6%) in the United States (**Table 6.7**).

As **Table 6.6** shows, the largest percentage increases in four-year enrollments were reported by West Virginia, with 16.5% or 232 additional students; Nevada, with 15.7% or 104 more; and Maryland, with 15.6% or an additional 716 foreign students. The largest percentage decreases in four-year enrollments occurred in the Virgin Islands, whose foreign student population shrank by 31.7%—an actual loss of 101 students; and Vermont, which lost 31.2% or 370 students.

In absolute terms, the ranking looks quite different. New York picked up the greatest number of students, adding 1,850 to its total. Texas came next, gaining 1,721 students, followed by Pennsylvania, with 1,628 new international students. Surprisingly, four-year enrollments in California, which had expanded more than in any other state in the previous year, actually fell by 2.6% in 1990/91, a drop of 1,052 students. Enrollment shrinkages in other states seem relatively small: Louisiana had 499 fewer international students than in the previous year; Vermont had 370 fewer; and Oregon had 334 fewer.

Four-Year Institutions with the Most Foreign Students. The ten four-year institutions reporting the largest enrollments of foreign students in 1990/91 are presented in **Table 6.8**. The University of Southern California tops the list, with 3,886 foreign students, 181 more than in 1989/90. The University of Texas at Austin was a close second, with 3,867 students, an increase of 299over ther previous year. Boston University moved to third place, replacing the University of Wisconsin-Madison by enrolling 3,633 international students, 385 more than in the previous year. This increase marked the second largest percentage increase and the largest absolute increase in foreign student numbers. The University of Wisconsin-Madison also experienced large actual and percentage increases, gaining 270 new foreign students, a rise of 8.2%. The ten four-year institutions with the largest numbers of international students enrolled a total of 32,695 students, who account for 9.3% of all four-year students in the country.

7. DISTRIBUTION IN PUBLIC AND PRIVATE INSTITUTIONS

ALL INSTITUTIONS

A total of 267,607 international students, approximately two-thirds (65.7%) of the entire foreign student population in the United States, were attending public institutions last year, as **Table 7.0** shows, while the remaining 139,922 were enrolled in private institutions. Although the majority of foreign students were in public schools, their proportion there is rather low when compared to the proportion of all higher education students in this country who were enrolled in public schools (80.3%).

Trends. Historically, there has been little change in the distribution of foreign students in public and in private institutions in the past 15 years, the ratio holding stable at roughly 2:1 in favor of public institutions since the mid-seventies (**Table 7.0**). The gap in the shares of all students and international students obtaining their education in private institutions has also remained relatively unchanged during the same period.

Distribution by State. While in most states the majority of the overseas students were enrolled in public schools, the proportion varied widely from state to state, as can be

TABLE 7.0

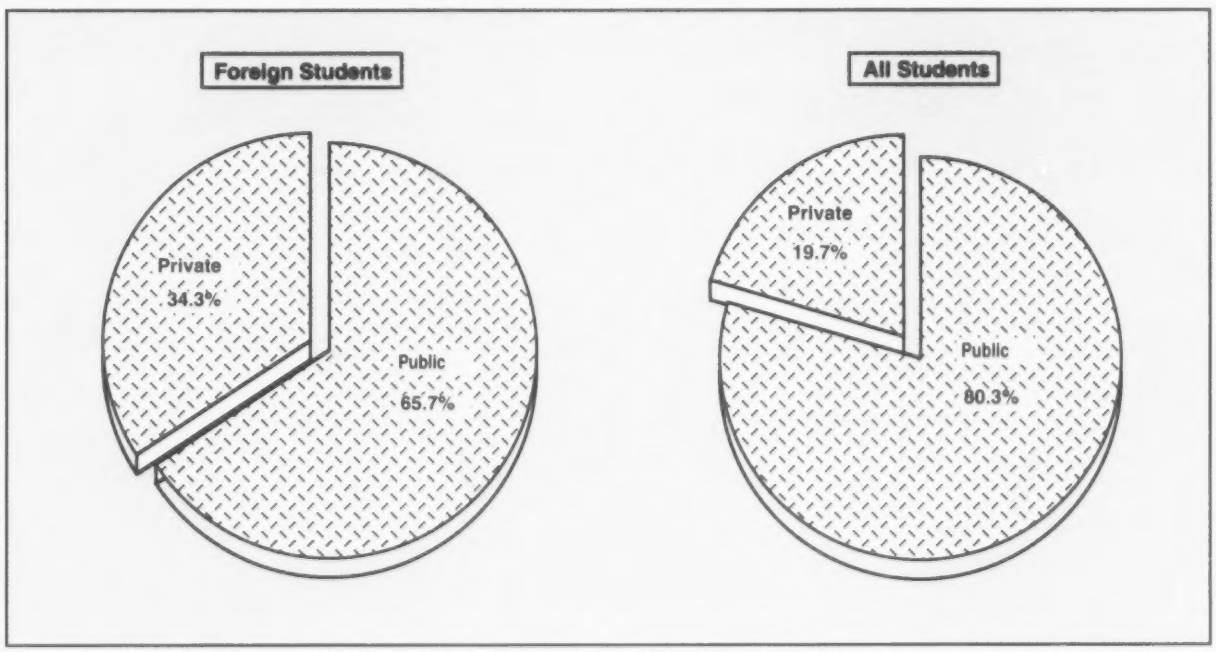
Foreign Students and All Students in Public and Private Institutions, 1975/76-1990/91

Year	Foreign Students		All Students[1]	
	Public	Private	Public	Private
1975/76	62.1%	37.9%	78.8%	21.2%
1976/77	64.2	35.8	78.3	21.7
1977/78	62.7	37.3	78.0	22.0
1978/79	63.6	36.4	77.6	22.4
1979/80	64.6	35.4	77.7	22.3
1980/81	64.8	35.2	78.0	22.0
1981/82	65.0	35.0	78.0	22.0
1982/83	65.0	35.0	78.0	22.0
1983/84	65.0	35.0	78.4	21.6
1984/85	65.3	34.7	80.2	19.8
1985/86	65.3	34.7	77.7	22.3
1986/87	65.1	34.9	78.2	21.8
1987/88	65.6	34.4	78.5	21.5
1988/89	65.6	34.4	79.4	20.6
1989/90	65.7	34.3	79.5	20.5
1990/91	65.7	34.3	80.3	19.7

[1] Percentages for reported total enrollments from 1975/76 to 1982/83 are based on figures from the National Center for Education Statistics, Washington, D.C. Figures since 1983/84 are from the College Board, New York, NY.

7.A

Foreign Students and All Students in Public and Private Institutions, 1990/91



7.B

Foreign Students in Public and Private Institutions by U.S. State, 1990/91

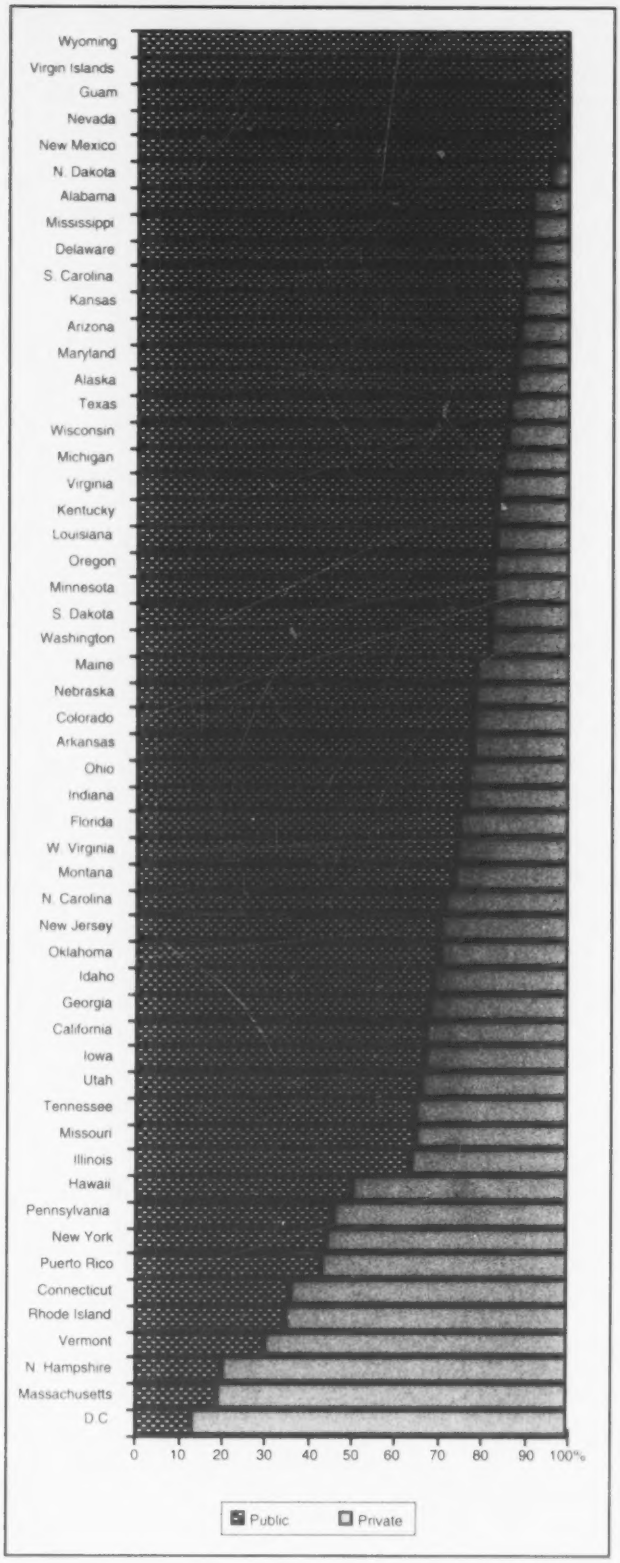


TABLE 7.1

Foreign Students in Public and Private Institutions by State, 1990/91

State	Public		Private		Total
	Number	%	Number	%	
Alabama	4,367	90.9	439	9.1	4,806
Alaska	324	86.9	49	13.1	373
Arizona	6,029	88.3	795	11.7	6,824
Arkansas	1,326	77.6	382	22.4	1,708
California	37,035	67.1	18,133	32.9	55,168
Colorado	4,121	77.9	1,166	22.1	5,287
Connecticut	1,778	35.7	3,201	64.3	4,979
Delaware	967	90.6	100	9.4	1,067
Dis. of Columbia	1,263	13.0	8,446	87.0	9,709
Florida	15,350	74.2	5,350	25.8	20,700
Georgia	4,287	67.8	2,032	32.2	6,319
Hawaii	2,390	50.1	2,380	49.9	4,770
Idaho	839	68.5	386	31.5	1,225
Illinois	11,287	63.5	6,484	36.5	17,771
Indiana	6,121	75.9	1,940	24.1	8,061
Iowa	4,743	67.0	2,336	33.0	7,079
Kansas	5,599	88.4	736	11.6	6,335
Kentucky	2,239	82.8	466	17.2	2,705
Louisiana	4,159	82.5	881	17.5	5,040
Maine	819	78.2	228	21.8	1,047
Maryland	6,880	87.5	985	12.5	7,865
Massachusetts	4,254	19.1	18,066	80.9	22,320
Michigan	12,123	84.4	2,243	15.6	14,366
Minnesota	4,836	82.2	1,046	17.8	5,882
Mississippi	1,902	90.8	192	9.2	2,094
Missouri	4,735	64.4	2,614	35.6	7,349
Montana	570	73.6	204	26.4	774
Nebraska	1,741	78.0	491	22.0	2,232
Nevada	948	98.3	16	1.7	964
New Hampshire	265	20.0	1,058	80.0	1,323
New Jersey	6,933	70.1	2,956	29.9	9,889
New Mexico	1,431	98.0	29	2.0	1,460
New York	17,875	44.1	22,683	55.9	40,558
North Carolina	4,200	71.1	1,711	28.9	5,911
North Dakota	1,297	95.9	55	4.1	1,352
Ohio	11,349	76.7	3,449	23.3	14,798
Oklahoma	4,401	69.9	1,896	30.1	6,297
Oregon	5,088	82.2	1,104	17.8	6,192
Pennsylvania	8,041	45.8	9,530	54.2	17,571
Rhode Island	651	34.6	1,232	65.4	1,883
South Carolina	2,336	89.2	284	10.8	2,620
South Dakota	635	81.8	141	18.2	776
Tennessee	2,793	64.7	1,524	35.3	4,317
Texas	22,535	86.0	3,670	14.0	26,205
Utah	3,318	65.8	1,722	34.2	5,040
Vermont	253	29.9	594	70.1	847
Virginia	6,233	83.3	1,254	16.7	7,487
Washington	6,201	81.3	1,424	18.7	7,625
West Virginia	1,225	74.1	428	25.9	1,653
Wisconsin	5,889	85.6	992	14.4	6,881
Wyoming	549	100.0	—	—	549
Guam	558	100.0	—	—	558
Puerto Rico	301	43.0	399	57.0	700
Virgin Islands	218	100.0	—	—	218
TOTAL	**267,607**	**65.7**	**139,922**	**34.3**	**407,529**

TABLE 7.2

Foreign Students in Public and Private Institutions by World Region, Subregion, and Leading Place of Origin, 1988/89-1990/91

Region/Locality	Public Institutions			Private Institutions		
	1988/89	1989/90	1990/91	1988/89	1989/90	1990/91
AFRICA	**66.4%**	**64.1%**	**64.7%**	**33.6%**	**35.9%**	**35.3%**
North Africa	**71.3**	**69.5**	**71.8**	**28.7**	**30.5**	**28.2**
Egypt	70.6	69.2	70.0	29.4	30.8	30.0
Morocco	70.6	70.0	72.6	29.4	30.0	27.4
Tunisia	81.0	74.2	80.2	19.0	25.8	19.8
Sudan	74.0	72.5	75.7	26.0	27.5	24.3
Algeria	58.4	56.3	57.5	41.6	43.7	42.5
Libya	73.6	78.2	79.0	26.4	21.8	21.0
Sub-Saharan Africa[1]	**65.3**	**62.8**	**63.0**	**34.7**	**37.2**	**37.0**
Nigeria	71.7	67.3	66.4	28.3	32.7	33.6
Kenya	61.1	62.4	62.9	38.9	37.6	37.1
South Africa	52.2	50.2	51.4	47.8	49.8	48.6
Ethiopia	67.7	70.3	71.7	32.3	29.7	28.3
Ghana	53.0	52.5	51.2	47.0	47.5	48.8
ASIA	**68.6**	**68.6**	**68.6**	**31.4**	**31.4**	**31.4**
East Asia	**68.2**	**68.0**	**68.1**	**31.8**	**32.0**	**31.9**
China	71.1	71.7	72.8	28.9	28.3	27.2
Japan	58.0	60.3	61.0	42.0	39.7	39.0
Taiwan	74.3	72.5	71.2	25.7	27.5	28.8
Korea, Rep. of	66.9	65.2	64.2	33.1	34.8	35.8
Hong Kong	69.2	70.7	73.2	30.8	29.3	26.8
South and Central Asia	**68.9**	**69.6**	**69.8**	**31.1**	**30.4**	**30.2**
India	68.1	68.9	69.0	31.9	31.1	31.0
Pakistan	70.4	69.9	70.3	29.6	30.1	29.7
Bangladesh	74.7	75.7	76.3	25.3	24.3	23.7
Sri Lanka	72.7	70.9	72.2	27.3	29.1	27.8
Nepal	61.2	63.1	61.0	38.3	36.9	39.0
Southeast Asia	**69.5**	**69.6**	**69.2**	**30.5**	**30.4**	**30.8**
Malaysia	76.3	76.2	76.2	23.7	23.8	23.8
Indonesia	70.6	70.6	70.5	29.4	29.4	29.5
Thailand	60.2	58.6	57.8	39.8	41.4	42.2
Singapore	69.7	69.4	68.8	30.3	30.6	31.2
Philippines	55.5	57.8	57.3	44.5	42.2	42.7
EUROPE	**55.1**	**55.3**	**55.3**	**44.9**	**44.7**	**44.7**
Eastern Europe	**62.0**	**60.7**	**59.0**	**38.0**	**39.3**	**41.0**
Poland	66.1	62.3	64.9	33.9	37.7	35.1
U.S.S.R.	45.8	59.0	55.5	54.2	41.0	44.5
Yugoslavia	58.6	61.5	59.7	41.4	38.5	40.3
Hungary	72.1	58.2	61.7	27.9	41.8	38.3
Romania	69.4	58.3	51.8	30.6	41.7	48.2
Western Europe	**54.6**	**54.9**	**54.9**	**45.4**	**45.1**	**45.1**
United Kingdom	56.4	56.0	57.3	43.6	44.0	42.7
Germany	60.9	62.3	61.2	39.1	37.7	38.8
France	53.2	54.9	55.6	46.8	45.1	44.4
Greece	54.0	52.4	52.3	46.0	47.6	47.7
Spain	51.9	51.4	50.2	48.1	48.6	49.8
LATIN AMERICA	**63.8**	**65.2**	**65.2**	**36.2**	**34.8**	**34.8**
Caribbean	**57.7**	**59.5**	**60.3**	**42.3**	**40.5**	**39.7**
Jamaica	55.2	58.2	56.6	44.8	41.8	43.4
Trinidad and Tobago	51.7	58.0	58.6	48.3	42.0	41.4
Bahamas	44.2	44.3	46.7	55.8	55.7	53.3
Haiti	71.8	73.1	73.7	28.2	26.9	26.3
Cuba	94.7	93.6	93.6	5.3	6.4	6.4
Central America	**71.6**	**73.6**	**73.2**	**28.4**	**26.4**	**26.8**
Mexico	69.3	71.9	72.5	30.7	28.1	27.5
Nicaragua	92.1	92.2	92.0	7.9	7.8	8.0
Panama	62.5	65.7	61.3	37.5	34.3	38.7
Honduras	73.0	74.3	73.3	27.0	25.7	26.7
El Salvador	73.0	73.1	71.9	27.0	26.9	28.1
South America	**61.5**	**61.6**	**61.7**	**38.5**	**38.4**	**38.3**
Brazil	59.9	59.0	59.7	40.1	41.0	40.3
Colombia	63.4	64.9	63.5	36.6	35.1	36.5
Venezuela	62.8	60.3	59.4	37.2	39.7	40.6
Peru	58.8	61.2	62.1	41.2	38.8	37.9
Argentina	58.2	60.2	59.2	41.8	39.8	40.8
MIDDLE EAST	**69.0**	**68.7**	**68.4**	**31.0**	**31.3**	**31.6**
Iran	79.4	79.7	78.0	20.6	20.3	22.0
Jordan	74.0	69.3	75.0	26.0	30.7	25.0
Turkey	58.6	58.0	56.9	41.4	42.0	43.1
Lebanon	64.8	65.8	66.2	35.2	34.2	33.8
Saudi Arabia	68.7	70.7	70.4	31.3	29.3	29.6
NORTH AMERICA	**49.2**	**46.2**	**48.3**	**50.8**	**53.8**	**51.7**
Canada	50.1	47.0	48.9	49.9	53.0	51.1
Bermuda	26.7	27.1	31.8	73.3	72.9	68.2
OCEANIA	**52.7**	**53.5**	**54.7**	**47.3**	**46.5**	**45.3**
Australia	51.1	50.4	53.5	48.9	49.6	46.5
Pacific Islands, Trust Ter. of	77.4	75.3	82.2	22.6	24.7	17.8
New Zealand	45.2	48.1	49.4	54.8	51.9	50.6
YEAR TOTAL	**65.6**	**65.7**	**65.7**	**34.4**	**34.3**	**34.3**

[1] *Includes Eastern, Central, Southern, and West Africa.*

seen in **Table 7.1**. In six states or territories, over 95% of all foreign students were in public institutions, and in three, Wyoming, Guam, and the Virgin Islands, 100% were in such schools. Other states with high shares of foreign students in public institutions included Nevada (98.3%), New Mexico (98.0%), North Dakota (95.9%), Alabama (90.9%), Mississippi (90.8%), and Delaware (90.6%). By contrast, in several states or territories more than half of the international students attended private institutions. The District of Columbia had the largest percentage (87.0%), followed by Massachusetts (80.9%), New Hampshire (80%), Vermont (70.1%), Rhode Island (65.4%), Connecticut (64.3%), Puerto Rico (57%), New York (55.9%), and Pennsylvania (54.2%).

Distribution by Geographic Origin. The distribution of foreign students among public and private institutions by geographic origin is presented in **Table 7.2**. While, on average, foreign students were enrolled in public and private institutions in a ratio of about two to one, there were variations among certain regional and national groups.

On average, the distribution of **Africans** was very close to that of all foreign students, as were enrollments of sub-Saharan Africans. Among specific sub-Saharan countries, however, there were variations. As many as seven-tenths (71.7%) of the Ethiopians and only half (51.4%) of South Africans and Ghanaians (51.2%) attended public schools. North Africans were over-represented in public schools, 71.8% of them attending such institutions. Within the subregion, Tunisia had the greatest percentage of students in public schools (80.2%), while Algeria had the largest share in private schools (42.5%).

The **Asians'** distribution in public and private institutions was also quite close to the norm for the entire foreign student population, as were the distributions of students from all three Asian subregions. None of the large sending countries or places deviated significantly from these norms, although higher proportions of students from Malaysia (76.2%), Bangladesh (76.3%), Hong Kong (73.2%), and China (72.8%) than of foreign students overall attended public schools. Only the Philippines (57.3%) and Thailand (57.8%) had less than 60% of their students in public institutions. The fact that the Asian region and its subregions approximated the national norms is to be expected, given the great numbers of students from Asia, but the lack of significant variation among leading countries and places of origin is somewhat surprising.

Europeans as a whole were much more partial to private schools than most other regional groups, with nearly half of them (44.7%) attending such institutions.

TABLE 7.3

Foreign Students in Public Institutions by State and Percent Change, 1989/90-1990/91

State	Foreign Students 1989/90	Foreign Students 1990/91	% Change
Alabama	4,008	4,367	9.0
Alaska	320	324	1.3
Arizona	6,075	6,029	-0.8
Arkansas	1,311	1,326	1.1
California	36,342	37,035	1.9
Colorado	3,861	4,121	6.7
Connecticut	1,618	1,778	9.9
Delaware	920	967	5.1
District of Columbia	1,196	1,263	5.6
Florida	14,577	15,350	5.3
Georgia	4,101	4,287	4.5
Hawaii	2,121	2,390	12.7
Idaho	803	839	4.5
Illinois	10,820	11,287	4.3
Indiana	5,822	6,121	5.1
Iowa	4,617	4,743	2.7
Kansas	5,353	5,599	4.6
Kentucky	2,013	2,239	11.2
Louisiana	4,649	4,159	-10.5
Maine	685	819	19.6
Maryland	6,013	6,880	14.4
Massachusetts	4,221	4,254	0.8
Michigan	11,437	12,123	6.0
Minnesota	4,473	4,836	8.1
Mississippi	1,774	1,902	7.2
Missouri	4,282	4,735	10.6
Montana	555	570	2.7
Nebraska	1,508	1,741	15.5
Nevada	778	948	21.9
New Hampshire	283	265	-6.4
New Jersey	6,819	6,933	1.7
New Mexico	1,375	1,431	4.1
New York	16,728	17,875	6.9
North Carolina	4,112	4,200	2.1
North Dakota	1,297	1,297	0.0
Ohio	10,632	11,349	6.7
Oklahoma	4,425	4,401	-0.5
Oregon	5,334	5,088	-4.6
Pennsylvania	7,195	8,041	11.8
Rhode Island	613	651	6.2
South Carolina	2,152	2,336	8.6
South Dakota	622	635	2.1
Tennessee	2,791	2,793	0.1
Texas	20,549	22,535	9.7
Utah	2,943	3,318	12.7
Vermont	215	253	17.7
Virginia	5,989	6,233	4.1
Washington	5,450	6,201	13.8
West Virginia	1,175	1,225	4.3
Wisconsin	5,539	5,889	6.3
Wyoming	527	549	4.2
Guam	473	558	18.0
Puerto Rico	267	301	12.7
Virgin Islands	319	218	-31.7
TOTAL	**254,077**	**267,607**	**5.3**

TABLE 7.4

States With the Most Foreign Students in Public Institutions and Percent Share, 1990/91

State	Foreign Students	% of Total
California	37,035	13.8
Texas	22,535	8.4
New York	17,875	6.7
Florida	15,350	5.7
Michigan	12,123	4.5
Ohio	11,349	4.2
Illinois	11,287	4.2
Pennsylvania	8,041	3.0
New Jersey	6,933	2.6
Maryland	6,880	2.6
TOTAL	**149,408**	**55.7**

Eastern European enrollments in private schools were somewhat lower at 41.0%. Only two Eastern European countries had more than four-tenths of their students in private institutions; the U.S.S.R., with 44.5%, and Romania, with 48.2%. Since the great majority of all European students come from Western Europe, it is not surprising that the distribution of students from this subregion more closely resembles the regional pattern. Among the leading countries, Germany had the largest percentage in public institutions, with 61.2%, while Spain had the lowest percentage, with 50.2%.

The **Latin Americans**' pattern of enrollment in public and private institutions was similar to that of all foreign students; however, there was a great deal of variation within the region. For instance, a slightly higher proportion of Caribbean students than the national average were enrolled in private schools (39.7%), and the proportion of Bahamians was as high as 53.3%. By contrast, extremely large percentages of students from two countries in this subregion, Cuba (93.6%) and Haiti (73.7%), were in public schools. Unlike students from the Caribbean, students from Central America showed a preference for public institutions, with 73.2% enrolled there. Of the countries within this subregion, Nicaragua had the most students enrolled in public schools (92%), while Panama had the highest percentage (38.7%) in private institutions. South America was close to the norm, with 61.7% of its students in public schools, but Brazil (40.3%), Venezuela (40.6%), and Argentina (40.8%) each had slightly higher shares of students in such schools.

Students from the **Middle East** attended public institutions in proportions slightly higher than the average for all foreign students, with 68.4%. Among the leading countries of the region, Iran had the highest proportion of its students in public schools (78%), while Turkey had the lowest (56.9%).

North American students leaned heavily towards private schools, with just over half (51.7%) attending such institutions. Affinity for private schools was particularly strong among students from Bermuda, over two-thirds (68.2%) being enrolled there.

Just under half of the **Oceanians** (45.3%) enrolled in private institutions, a proportion significantly higher than the national foreign student average. The highest of

TABLE 7.5

Public Institutions with the Most Foreign Students and Percent Change, 1989/90-1990/91

Rank		Institution	Foreign Students		% Change
1989/90	1990/91		1989/90	1990/91	
1	1	Miami-Dade Community College, FL	5,518	5,757[1]	4.3
2	2	University of Texas, Austin, TX	3,568	3,867	8.4
3	3	University of Wisconsin-Madison, WI	3,295	3,565	8.2
5	4	Ohio State University, Main Campus, OH	2,887	3,021	4.6
6	5	University of Illinois, at Urbana-Champaign, IL	2,794	2,967	6.2
4	6	University of California, Los Angeles, CA	3,126	2,921	-6.6
8	7	University of Minnesota, Twin Cities, MN	2,555	2,636	3.2
7	8	Southern Illinois University, Carbondale, IL	2,615	2,627	0.5
—	9	Texas A&M University, Main Campus, TX	2,156	2,497	15.8
10	10	University of Maryland, College Park, MD	2,397	2,462	2.7
Total, 10 Leading Public Institutions			**31,220[2]**	**32,320**	**3.5**
% of All Public Institutions			**12.3[2]**	**12.1**	
TOTAL, ALL PUBLIC INSTITUTIONS			**254,077**	**267,607**	**5.3**

[1] *The total figure for this institution includes 3,539 refugees. Next year* Open Doors *data will exclude refugees.*

[2] *Totals are for the ten leading public institutions of 1989/90, which included the University of Michigan, Ann Arbor, MI (ranked ninth).*

TABLE 7.6

Foreign Students in Private Institutions by State and Percent Change, 1989/90-1990/91

State	Foreign Students 1989/90	Foreign Students 1990/91	% Change
Alabama	505	439	-13.1
Alaska	44	49	11.4
Arizona	688	795	15.6
Arkansas	399	382	-4.3
California	17,836	18,133	1.7
Colorado	820	1,166	42.2
Connecticut	3,018	3,201	6.1
Delaware	83	100	20.5
District of Columbia	8,291	8,446	1.9
Florida	5,787	5,350	-7.6
Georgia	1,879	2,032	8.1
Hawaii	2,069	2,380	15.0
Idaho	347	386	11.2
Illinois	5,996	6,484	8.1
Indiana	1,753	1,940	10.7
Iowa	2,118	2,336	10.3
Kansas	656	736	12.2
Kentucky	530	466	-12.1
Louisiana	886	881	-0.6
Maine	217	228	5.1
Maryland	939	985	4.9
Massachusetts	16,619	18,066	8.7
Michigan	2,118	2,243	5.9
Minnesota	973	1,046	7.5
Mississippi	167	192	15.0
Missouri	2,338	2,614	11.8
Montana	215	204	-5.1
Nebraska	410	491	19.8
Nevada	5	16	220.0
New Hampshire	979	1,058	8.1
New Jersey	2,789	2,956	6.0
New Mexico	24	29	20.8
New York	21,622	22,683	4.9
North Carolina	1,652	1,711	3.6
North Dakota	44	55	25.0
Ohio	3,224	3,449	7.0
Oklahoma	1,564	1,896	21.2
Oregon	1,069	1,104	3.3
Pennsylvania	8,608	9,530	10.7
Rhode Island	1,245	1,232	-1.0
South Carolina	229	284	24.0
South Dakota	136	141	3.7
Tennessee	1,456	1,524	4.7
Texas	3,621	3,670	1.4
Utah	1,919	1,722	-10.3
Vermont	991	594	-40.1
Virginia	981	1,254	27.8
Washington	1,408	1,424	1.1
West Virginia	242	428	76.9
Wisconsin	899	992	10.3
Wyoming	0	0	—
Guam	0	0	—
Puerto Rico	366	399	9.0
Virgin Islands	0	0	—
TOTAL	**132,774**	**139,922**	**5.4**

TABLE 7.7

States with the Most Foreign Students in Private Institutions and Percent Share, 1990/91

State	Foreign Students	% of Year Total
New York	22,683	16.2
California	18,133	13.0
Massachusetts	18,066	12.9
Pennsylvania	9,530	6.8
District of Columbia	8,446	6.0
Illinois	6,484	4.6
Florida	5,350	3.8
Texas	3,670	2.6
Ohio	3,449	2.5
Connecticut	3,201	2.3
TOTAL	**99,012**	**70.7**

these was New Zealand, with 50.6% of its students in private colleges and universities. However, over eighty percent (82.2%) of the students from the Pacific Islands Trust Territory were in public schools.

PUBLIC INSTITUTIONS

Distribution by State. Enrollments of foreign students in public institutions of higher education in the United States increased 5.3%, reflecting an actual gain of 13,530 students (**Table 7.3**). Seven states reported more than 10,000 foreign students in public schools, including California (37,035), Texas (22,535), New York (17,875), Florida (15,350), Michigan (12,123), Ohio (11,349), and Illinois (11,287). Together these seven states accounted for 48% of all students in public institutions, with 13.8% in California alone and another 8.4% in Texas. The top ten states (**Table 7.4**) enrolled over half (55.7%) of all the students in public schools.

Forty-seven states and territories reported increased foreign student enrollments in public schools last year. Five experienced gains of more than 15%: Nevada (21.9%), Maine (19.6%), Guam (18%), Vermont (17.7%), and Nebraska (15.5%). In absolute terms, Texas drew the largest number of additional students (1,986) and New York the second highest number (1,147). On the other side of the equation, in only six states and territories were foreign student enrollments in public institutions lower than in the previous year. In only three of these did the number of students fall by more than 100: In Louisiana there were 490 fewer students than in the previous year, down 10.5%; in Oregon there were 326 fewer, a loss of 4.6%; and in the Virgin Islands there were 101 fewer, a drop of 31.7%.

TABLE 7.8

Private Institutions with the Most Foreign Students and Percent Change, 1989/90-1990/91

Rank		Institution	Foreign Students		% Change
1989/90	1990/91		1989/90	1990/91	
1	1	University of Southern California, CA	3,705	3,886	4.9
2	2	Boston University, MA	3,248	3,633	11.9
4	3	University of Pennsylvania, PA	2,778	3,122	12.4
3	4	Columbia University, NY	2,849	3,077	8.0
6	5	Harvard University, MA	2,246	2,409	7.3
5	6	Northeastern University, MA	2,288	2,385	4.2
7	7	George Washington University, DC	2,207	2,378	7.7
9	8	New York University, NY	2,102	2,279	8.4
8	9	Cornell University, NY	2,138	2,178	1.9
—	10	Massachusetts Institute of Technology, MA	2,049	2,103	2.6
Total, 10 Leading Private Institutions			**25,642**[1]	**27,450**	7.1
% of All Private Institutions			**19.3**[1]	**19.6**	
TOTAL, ALL PRIVATE INSTITUTIONS			**132,774**	**139,922**	5.4

[1]*Total are for the ten leading private institutions of 1989/90, which included Stanford University, CA (ranked tenth).*

Public Institutions with the Most Foreign Students. The five public institutions with the highest international student enrollments — Miami-Dade Community College; the University of Texas, Austin; the University of Wisconsin-Madison; the Ohio State University Main Campus; and the University of Illinois, Urbana Campus—have remained the same as in the past few years. Foreign student numbers went up in all of the top ten institutions last year, except for the University of California, Los Angeles, which had 6.6% fewer students than in 1989/90 (**Table 7.5**).

This loss affected the ranking of the top ten public schools; the University of California, Los Angeles fell from fourth to sixth place, Ohio State moved to fourth, the University of Illinois climbed to fifth. The University of Minnesota, Twin Cities, and Southern Illinois have switched seventh and eighth places. Texas A & M University, Main Campus, previously not among the top ten institutions, enrolled 15.8% more students in 1990/91 than in the previous year, thereby capturing ninth place and replacing the University of Michigan, Ann Arbor in the top ten. All in all, the top ten schools enrolled one-eighth (12.1%) of all foreign students in public institutions.

PRIVATE INSTITUTIONS

Distribution by State. There were 7,148 more foreign students in private institutions last year than in 1989/90, an increase of 5.4% (**Table 7.6**). Three states had more than 10,000 private school students: New York (22,683), California (18,133), and Massachusetts (18,066). Three states and the District of Columbia had between 5,000 and 9,999. Nineteen states had between 1,000 and 4,999, while twenty-three states and three territories had fewer than 1,000 students in private institutions. The top ten states accounted for well over two-thirds of all foreign students in private institutions (**Table 7.7**).

Forty-two states or territories had larger numbers of foreign students in private institutions than in the previous year, while nine states had smaller numbers. Three states showed significant gains of 500 students or more: Massachusetts had 1,447 or 8.7% more students in private schools; New York had an increase of 1,061 or 4.9%; Pennsylvania had 922 or 10.7% more. The state experiencing the greatest loss in numbers of students was Florida, which lost 437 or 7.6% of its students in private schools.

Private Institutions with the Most Foreign Students. As shown in **Table 7.8**, the five private schools with the largest foreign enrollments were the University of Southern California, with 3,886; Boston University, with 3,633; the University of Pennsylvania, with 3,122; Columbia with 3,077; Harvard with 2,409; and Northeastern University, with 2,385. All of the top ten schools were on the previous year's list, except for the Massachusetts Institute of Technology, which replaced Stanford in tenth place. The top ten private institutions together held about one-fifth (19.6%) of all the international students attending U.S. private institutions.

8. INSTITUTIONS WITH THE MOST FOREIGN STUDENTS

In 1990/91, as **Table 8.0** indicates, 103 institutions of higher education in the United States reported having 1,000 or more foreign students, seven more than in the previous year. This is a far cry from the first year the Census was conducted, when only one school, Columbia University, reported having more than 1,000 foreign students. These 103 institutions had a total of 184,665 international students, who represent 45.3% of the entire foreign student population in the United States. Within each institution, the share of overall enrollment held by foreign students varied widely: It ranged from a low of 3.3% at the University of Cincinnati, to a high of 21.8% at the Massachusetts Institute of Technology and the New Jersey Institute of Technology, with an average among the leading institutions of 7.4%. **(The foreign student enrollment in each institution participating in the Census can be found in Appendix A.1, on pages 91-138 of this publication)**.

Institutions with the Most Foreign Students. Once again, as **Table 8.1** indicates, Miami-Dade Community College had by far the largest number of foreign student enrollments of any institution in the United States, 5,757. It should be noted, however, that more than six-tenths of its international students, a total of 3,539, were refugees mainly from Latin American countries. (Next year, when *Open Doors* data will not include refugees, Miami Dade's figures will more closely parallel other two-year schools' figures.) The University of Southern California was second, with 3,886 international students, followed closely by the University of Texas at Austin with 3,867 students, and then by the University of Boston with 3,633 students. Rounding off the top five list is the University of Wisconsin-Madison, with 3,565 students. Together, the ten institutions with the largest numbers of foreign nationals enrolled a total of 38,816 students, accounting for less than one-tenth (8.8%) of the entire international student population.

Trends. The ten institutions reporting the largest numbers of foreign students remained fairly stable from the mid-fifties to the mid-seventies: Seven of the ten institu-

8.A
Institutions with the Highest Foreign Student Proportions, 1990/91

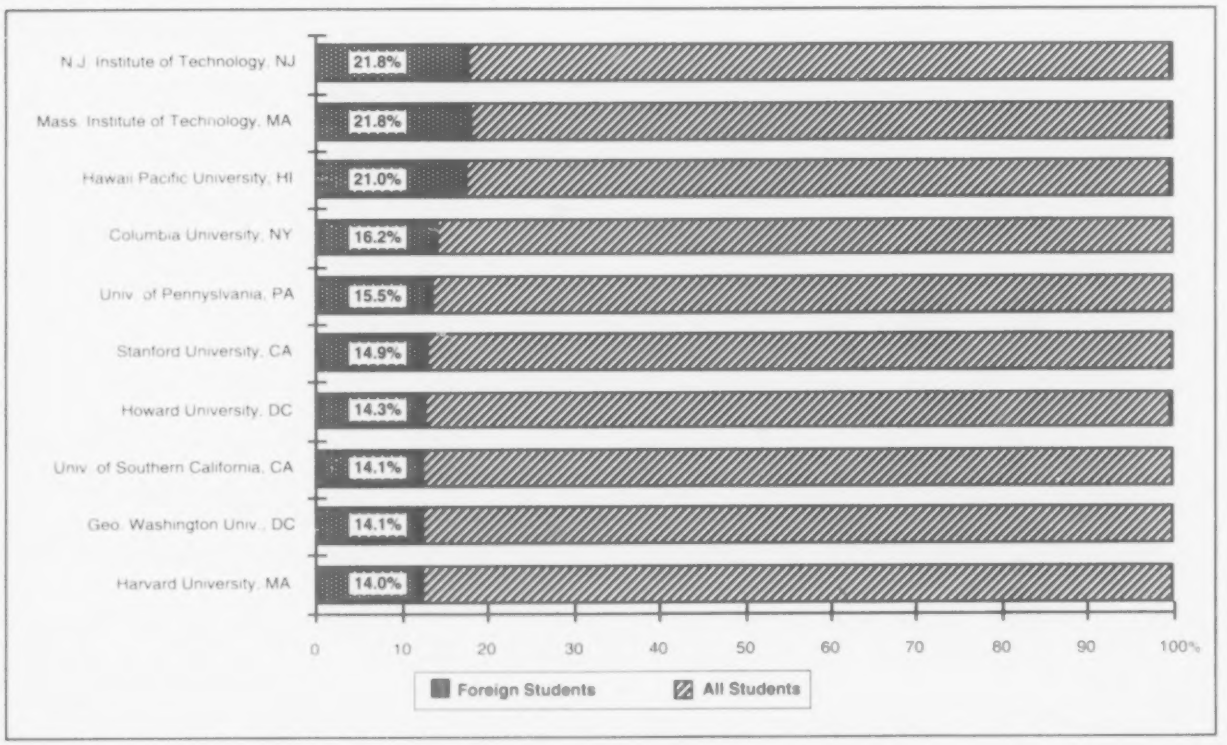


TABLE 8.0

Institutions with 1,000 or More Foreign Students and Refugee Subtotals, 1990/91

Rank	Institution	Refugee Subtotal	Total Foreign Students	Total Enrollment[1]	Foreign Student % of Total Enrollment
	Miami-Dade Community College, FL	3,539	5,757	51,396	11.2
	University of Southern California, CA	0	3,886	27,465	14.1
	University of Texas, Austin, TX	0	3,867	49,617	7.8
	Boston University, MA	9	3,633	28,001	13.0
	University of Wisconsin-Madison, WI	8	3,565	40,905	8.7
	University of Pennsylvania, PA	0	3,122	20,130	15.5
	Columbia University, NY	0	3,077	19,009	16.2
	Ohio State University, Main Campus, OH	0	3,021	54,094	5.6
	University of Illinois at Urbana-Champaign, IL	0	2,967	34,858	8.5
10	University of California, Los Angeles, CA	105	2,921	35,331	8.3
	University of Minnesota, Twin Cities, MN	0	2,636	53,433	4.9
	Southern Illinois University, Carbondale, IL	0	2,627	24,083	10.9
	Texas A&M University, Main Campus, TX	4	2,497	41,171	6.1
	University of Maryland-College Park, MD	0	2,462	34,837	7.1
	Harvard University, MA	0	2,409	17,250	14.0
	University of Houston, TX	1	2,406	33,116	7.3
	Northeastern University, MA	1	2,385	33,673	7.1
	George Washington University, DC	26	2,378	16,820	14.1
	Purdue University, Main Campus, IN	0	2,317	35,647	6.5
20	University of Michigan, Ann Arbor, MI	1	2,308	36,306	6.4
	Michigan State University, MI	0	2,281	42,785	5.3
	New York University, NY	71	2,279	32,837	6.9
	Arizona State University, AZ	11	2,215	42,592	5.2
	University of California, Berkeley, CA	0	2,200	30,638	7.2
	State University of New York at Buffalo, NY	1	2,195	27,643	7.9
	Rutgers University, New Brunswick, NJ	5	2,192	32,943	6.7
	Cornell University, NY	0	2,178	18,743	11.6
	Iowa State University, IA	6	2,171	25,884	8.4
	Indiana University at Bloomington, IN	0	2,131	35,453	6.0
30	California State University, Los Angeles, CA	73	2,123	21,596	9.8
	Massachusetts Institute of Technology, MA	3	2,103	9,628	21.8
	Pennsylvania State University, University Park, PA	0	2,095	38,864	5.4
	University of Florida, FL	0	2,053	34,198	6.0
	University of Hawaii at Manoa, HI	0	2,017	18,847	10.7
	Stanford University, CA	0	2,000	13,441	14.9
	University of Arizona, AZ	0	1,997	35,735	5.6
	Temple University, PA	5	1,960	30,530	6.4
	University of Iowa, IA	0	1,925	28,045	6.9
	University of Missouri, Columbia, MO	0	1,873	24,972	7.5
40	University of Kansas, KS	0	1,870	28,909	6.5
	University of Washington, WA	0	1,776	33,306	5.3
	University of Illinois at Chicago, IL	0	1,743	24,511	7.1
	Wayne State University, MI	0	1,740	33,872	5.1
	University of Massachusetts, Amherst, MA	2	1,701	24,499	6.9
	City University of New York, Baruch College, NY	0	1,681	15,851	10.6
	New Jersey Institute of Technology, NJ	0	1,669	7,670	21.8
	University of Miami, FL	0	1,665	13,904	12.0
	Oklahoma State University, Main Campus, OK	0	1,664	19,239	8.6
	Northern Virginia Community College, VA	242	1,645	35,195	4.7
50	Brigham Young University, UT	1	1,621	30,766	5.3
	City University of New York, City College, NY	0	1,598	12,443	12.8
	Howard University, DC	0	1,581	11,050	14.3
	State University of New York at Stony Brook, NY	0	1,577	15,647	10.1
	Oregon State University, OR	0	1,534	15,974	9.6

continued on next page

TABLE 8.0 (continued)

Rank	Institution	Refugee Subtotal	Total Foreign Students	Total Enrollment[1]	Foreign Student % of Total Enrollment
	Syracuse University, Main Campus, NY	0	1,510	16,721	9.0
	The University of Toledo, OH	0	1,494	24,771	6.0
	Louisiana State University, Baton Rouge, LA	6	1,483	25,282	5.9
	Virginia Polytechnic Inst. & State University, VA	0	1,464	23,484	6.2
	San Francisco State University, CA	0	1,459	29,340	5.0
60	University of Pittsburgh, Main Campus, PA	5	1,454	28,120	5.2
	University of North Texas, TX	1	1,431	27,161	5.3
	American University, DC	0	1,404	11,764	11.9
	Santa Monica College, CA	0	1,360	22,031	6.2
	California State University, Long Beach, CA	106	1,353	34,000	4.0
	Ohio University, Main Campus, OH	0	1,345	17,500	7.7
	Texas Southern University, TX	0	1,313	9,441	13.9
	University of Oregon, Main Campus, OR	0	1,278	17,983	7.1
	University of Chicago, IL	0	1,268	11,098	11.4
	University of the District of Columbia, DC	156	1,263	11,990	10.5
70	Western Michigan University, MI	1	1,259	26,995	4.7
	University of Utah, UT	5	1,254	24,311	5.2
	University of Oklahoma, Norman, OK	0	1,249	19,246	6.5
	University of Texas, El Paso, TX	0	1,227	16,520	7.4
	University of California, San Diego, CA	81	1,224	17,805	6.9
	University of Georgia, GA	0	1,224	28,395	4.3
	University of California, Davis, CA	0	1,215	23,910	5.1
	University of Nebraska, Lincoln, NE	3	1,201	24,013	5.0
	Wichita State University, KS	23	1,201	16,668	7.2
	University of Texas at Arlington, TX	0	1,185	24,783	4.8
80	New York Inst. of Tech., All Campuses, NY	0	1,177	11,315	10.4
	University of Cincinnati, OH	0	1,179	36,000	3.3
	Utah State University, UT	0	1,167	13,719	8.5
	Hawaii Pacific University, HI	2	1,166	5,557	21.0
	Kansas State University, KS	0	1,162	21,137	5.5
	Yale University, CT	0	1,160	10,998	10.5
	Florida International University, FL	0	1,142	21,999	5.2
	Eastern Michigan University, MI	0	1,117	25,024	4.5
	North Carolina State University, Raleigh, NC	0	1,109	26,683	4.2
	Georgetown University, DC	0	1,108	11,525	9.6
90	Montgomery College, Rockville, MD	0	1,108	13,953	7.9
	Drexel University, PA	0	1,105	11,927	9.3
	Case Western Reserve University, OH	0	1,102	8,557	12.9
	Northwestern University, IL	0	1,101	11,684	9.4
	University of Rochester, NY	0	1,076	8,377	12.8
	University of Kentucky, KY	0	1,073	29,430	3.6
	University of Connecticut, CT	0	1,047	26,443	4.0
	San Jose State University, CA	0	1,043	30,338	3.4
	University of South Carolina, Columbia, SC	0	1,041	25,613	4.1
	Tufts University, MA	0	1,034	7,707	13.4
100	City University of NY, LaGuardia Cmty. Coll., NY	137	1,018	9,300	11.0
	Georgia Institute of Technology, GA	0	1,010	12,345	8.2
	Universty of California, Irvine, CA	0	1,004	16,480	6.1
	Colorado State University, Co	0	1,004	20,795	4.8
	TOTAL	4,640	184,665	2,505,590	7.4

[1] *Sources: The Annual Census of Foreign Students in the United States, and* The College Handbook 1992, *The College Entrance Examination Board, New York, 1991.*

TABLE 8.1

Institutions with the Most Foreign Students, Selected Years, 1954/55-1990/91

1954/55

Institution	Foreign Students
Columbia Univ., Barnard, and Teachers Coll.	1,254
New York University	946
University of Michigan, Ann Arbor	810
University of California, Berkeley	798
Harvard University	721
University of Illinois, Urbana and Chicago	594
University of Southern California	569
University of Minnesota, Minneapolis	530
Cornell University	488
University of Wisconsin-Madison	477

1959/60

Institution	Foreign Students
New York University	1,580
Columbia Univ., Barnard, and Teachers Coll.	1,146
University of California, Berkeley	1,140
University of Michigan, Ann Arbor	1,109
University of Minnesota, Twin Cities	1,010
University of Illinois, Urbana and Chicago	935
University of Wisconsin-Madison	790
Massachusetts Institute of Technology	770
Cornell University	751
Harvard University	738

1964/65

Institution	Foreign Students
New York University	2,986
University of California, Berkeley	2,588
Columbia Univ., Barnard, and Teachers Coll.	2,353
University of Wisconsin-Madison	1,290
Howard University	1,258
University of Pennsylvania	1,232
University of Michigan, Ann Arbor	1,181
University of Minnesota, Twin Cities	1,149
University of Illinois, Urbana	1,137
Harvard University	1,054

1969/70

Institution	Foreign Students
New York University	4,182
Miami-Dade Community College	3,998
University of California, Berkeley	2,904
Columbia Univ., Barnard, and Teachers Coll.	2,796
University of California, Los Angeles	2,197
University of Wisconsin-Madison	2,117
University of Pennsylvania	1,699
University of Washington	1,663
University of Illinois, Urbana	1,658
University of Minnesota, Twin Cities	1,624

1974/75

Institution	Foreign Students
University of Southern California	2,111
Howard University	2,066
Columbia Univ., Barnard, and Teachers Coll.	1,905
University of Wisconsin-Madison	1,869
University of Minnesota, Twin Cities	1,679
University of California, Berkeley	1,571
University of Texas, Austin	1,533
Miami-Dade Community College	1,485
New York University	1,474
Harvard University	1,414

1979/80

Institution	Foreign Students
University of Southern California	3,305
Los Angeles City College	3,000
Miami-Dade Community College	2,790
Columbia Univ., Barnard, and Teachers Coll.	2,625
Texas Southern University	2,585
University of Texas, Austin	2,354
University of Wisconsin-Madison	2,092
University of Michigan, Ann Arbor	1,941
University of California, Los Angeles	1,907
University of Washington	1,880

1984/85

Institution	Foreign Students
Miami-Dade Community College	4,316
University of Southern California	3,761
University of Texas, Austin	3,286
University of Wisconsin-Madison	2,901
Columbia Univ., Barnard, and Teachers Coll.	2,773
Ohio State University, Main Campus	2,606
North Texas State University	2,570
Southern Illinois University, Carbondale	2,565
Boston University	2,462
University of Houston-University Park	2,424

1990/91

Institution	Foreign Students
Miami-Dade Community College[1]	5,757
University of Southern California	3,886
University of Texas, Austin	3,867
Boston University	3,633
University of Wisconsin-Madison	3,565
University of Pennsylvania	3,122
Columbia University[2]	3,077
Ohio State University, Main Campus	3,021
University of Illinois at Urbana-Champaign	2,967
University of California, Los Angeles	2,921

[1] *This figure includes 3,539 refugees. Next year, when* Open Doors *data do not include refugees, Miami-Dade's figures will be considerably lower.*
[2] *The figure for Columbia University no longer includes Barnard and Teachers Colleges.*

TABLE 8.2

Institutions with the Highest Foreign Student Proportions, 1990/91

Rank	Institution	Foreign Students	Total Enrollment[1]	% of Total Enrollment
	New Jersey Institute of Technology, NJ	1,669	7,670	21.8
	Massachusetts Institute of Technology, MA	2,103	9,628	21.8
	Hawaii Pacific University, HI	1,166	5,557	21.0
	Columbia University, NY	3,077	19,009	16.2
5	University of Pennsylvania, PA	3,122	20,130	15.5
	Stanford University, DC	2,000	13,441	14.9
	Howard University, DC	1,581	11,050	14.3
	University of Southern California, CA	3,886	27,465	14.1
	George Washington University, DC	2,378	16,820	14.1
10	Harvard University, MA	2,409	17,250	14.0
	Texas Southern University, TX	1,313	9,441	13.9
	Tufts University, MA	1,034	7,707	13.4
	Boston University, MA	3,633	28,001	13.0
	Case Western Reserve University, OH	1,102	8,557	12.9
15	University of Rochester, NY	1,076	8,377	12.8
	City University of New York, City College, NY	1,598	12,443	12.8
	University of Miami, FL	1,665	13,904	12.0
	American University, DC	1,404	11,764	11.9
	Cornell University, NY	2,178	18,743	11.6
20	University of Chicago, IL	1,268	11,098	11.4

[1] *Sources: The Annual Census of Foreign Students in the United States, or* The College Handbook, *1992. The College Examination Board, New York, 1991.*

TABLE 8.3

Proportion of Foreign Students in the 5, 10, and 20 Leading Institutions, Selected Years, 1954/55-1990/91

	5 Leading Institutions		10 Leading Institutions		20 Leading Institutions	
Year	Foreign Students	% of Total	Foreign Students	% of Total	Foreign Students	% of Total
1954/55	4,529	13.2	7,312	21.4	9,374	27.4
1959/60	6,909	14.2	11,035	22.8	15,972	32.9
1964/65	12,476	15.2	18,444	22.5	26,945	32.8
1969/70	16,370	12.1	26,206	19.4	40,022	29.7
1974/75	9,360	6.2	17,107	11.1	29,864	19.3
1975/76	12,361	6.9	20,386	11.4	33,451	18.7
1976/77	13,253	6.5	22,629	11.1	37,588	18.5
1977/78	13,593	5.8	22,984	9.8	38,935	16.5
1978/79	13,859	5.3	23,338	8.8	40,072	15.2
1979/80	14,305	5.0	24,479	8.5	41,698	14.6
1980/81	15,323	4.9	25,793	8.3	44,092	14.1
1981/82	16,010	4.9	26,987	8.3	46,588	14.3
1982/83	16,285	4.8	28,042	8.3	48,735	14.5
1983/84	16,809	5.0	29,214	8.6	50,585	14.9
1984/85	17,037	5.0	29,664	8.7	51,075	14.9
1985/86	17,166	5.0	29,733	8.6	51,822	15.1
1986/87	17,352	5.0	30,092	8.6	52,313	15.0
1987/88	17,640	5.0	30,624	8.6	52,972	14.9
1988/89	17,810	4.9	31,355	8.6	54,278	14.8
1989/90	19,334	5.0	33,768	8.7	57,466	14.9
1990/91	20,708	5.1	35,816	8.8	60,241	14.8

tions listed in 1954/55 appeared on the list in 1974/75 as well, as an examination of **Table 8.1** reveals. Since then, however, substantial changes in the origin and in the destinations of incoming students have occurred. As a result, the list of the ten leading institutions includes schools different from those included in past years, only two of the original ten schools—Columbia University, and the University of Wisconsin-Madison—still appearing on the list.

The share of overall enrollments held by foreign students in the top ten institutions, as the data in **Table 8.3** indicate, has fallen substantially in the past three decades. Until the end of the fifties, international students accounted for more than one-fifth of the total enrollment in the ten leading institutions. However, as overall enrollments of higher education institutions in this country rose rapidly in the following decades, the proportion of overseas students fell precipitously, plummeting to 11% by the mid-seventies. In the next five years it continued to fall at a slower rate, reaching 8.5% by the end of the decade and remaining at just below 9% throughout the eighties.

Institutions with the Highest Proportions of Foreign Students. While foreign students made up a mere 2.9% of the entire higher education population in the United States, they held much bigger shares of total enrollments in institutions with 1,000 or more foreign

TABLE 8.4

Institutions with Foreign Students from 100 or More Nations

Institution	Foreign Students	Nationalities	Institution	Foreign Students	Nationalities
Boston University, MA	3,633	128	Iowa State University, IA	2,171	105
American University, DC	1,404	122	Univ. of The District of Columbia, DC	1,263	105
George Washington Univ., DC	2,378	121	Columbia University, NY	3,077	104
Northeastern University, MA	2,385	113	Indiana Univ. at Bloomington, IN	2,131	104
Univ. of Wisconsin-Madison, WI	3,565	112	Georgetown University, DC	1,108	104
Univ. of Maryland - College Park, MD	2,462	112	Louisiana State Univ., Baton Rouge, LA	1,483	104
University of Florida, FL	2,053	111	State Univ. of New York at Buffalo, NY	2,195	103
Univ. of Missouri, Columbia, MO	1,873	110	Univ. of Pittsburgh, Main Campus, PA	1,454	103
University South Carolina, Columbia, SC	1,041	109	Southern Ill. Univ., Carbondale, IL	2,627	103
Univ. of Texas, Austin, TX	3,867	109	Massachusetts Inst. of Technology, MA	2,103	103
University of Arizona, AZ	1,997	108	Temple University, PA	1,960	102
Texas A&M University, Main Campus, TX	2,497	108	Ohio State University, Main Campus, OH	3,021	102
University of Miami, FL	1,665	108	Howard University, DC	1,581	102
University of Minnesota, Twin Cities, MN	2,636	108	Miami-Dade Communmity College, FL	5,757	102
Univ. of Illinois, at Urbana-Champaign, IL	2,967	108	Colorado State University, CO	1,004	102
University of Pennsylvania, PA	3,122	107	Pennyslvania State Univ., Univ. Park, PA	2,095	100
Cornell University, NY	2,178	105			

students (**Table 8.2** and **Figure 8.A**). The schools with the highest proportions of foreign nationals among their students were the New Jersey Institute of Technology (21.8%) and the Massachusetts Institute of Technology (21.8%). These were followed by Hawaii Pacific University (21.0%), Columbia University (16.2%), and the University of Pennsylvania (15.5%). Of the ten institutions with the largest foreign student enrollments, five also had high proportions of foreign students among their total enrollments: Columbia University (16.2%), the University of Pennsylvania (15.5%), the University of Southern California (14.1%), Boston University (13.0%), and Miami-Dade Community College (11.2%).

Number of Nationalities Represented. One measure of the international character of a college or university is the number of nationalities represented among its foreign student population. The number of institutions with particularly diverse foreign student populations leveled off over the past two years. This past year, 33 schools enrolled students from 100 or more nations, one less than in the previous year (**Table 8.4**). The institutions with the greatest ethnic diversity among their foreign students were Boston University, with students from 128 homelands; American University, with students from 122 foreign countries; and George Washington University, whose foreign students came from 121 countries.

Part III: FOREIGN STUDENTS BY ACADEMIC LEVEL

BACKGROUND

In order to increase the usefulness of the Census data, for the last six years IIE has been asking institutions to provide academic level breakdowns for each of several foreign student characteristics, such as country of origin, gender, field-of-study, and primary source of support. Institutions report, for example, the number of students from a specific country or in a specific field of study enrolled as graduate students, undergraduates, or "other," a category which comprises practical training, non-degree programs, and Intensive English Language programs.

Not all institutions which responded to the Census were able to provide academic level breakdowns, however. As an examination of **Table 9.1** indicates, depending on the student characteristic involved, detailed academic level information is available for as many as 89.5% and as few as 52.4% of the enrolled students. Therefore, in this chapter, unlike in most other chapters of *Open Doors*, analyses are based on a sample rather than on the entire reported foreign student population. For this reason, only percentage distributions are presented in the tables.

It is possible, however, to estimate the total number of graduate, undergraduate, and "other" students in specific categories. This can be done by applying the percentages in this chapter to totals found in other chapters of *Open Doors*. For example, **Table 9.9** indicates that 38.9% of African students are graduate students and **Table 2.0** shows that the total number of African students is 23,800. By taking 38.9% of 23,800 (.389 x 23,800) one can estimate the total number of African graduate students (9,258).

TABLE 9.1

Proportion of Foreign Students for whom Academic Level Was Provided, 1990/91

Characteristic	% Return
World Region of Origin	89.5
Field of Study	86.8
Primary Source of Funds	52.4
Gender	87.1
Marital Status	55.5
Enrollment Status	85.2
Immigration (Visa) Status	77.5

TABLE 9.2

World Region and Subregion of Origin of Foreign Students within Academic Level, 1990/91

World Region/ Subregion	Under-graduate	Graduate	Other
Africa	**7.0%**	**5.3%**	**3.6%**
North Africa	0.9	1.4	0.9
Sub-Saharan Africa[1]	6.1	3.9	2.7
Asia	**46.6**	**65.6**	**61.9**
East Asia	26.6	44.1	45.6
South & Central Asia	6.8	14.9	6.3
Southeast Asia	13.2	6.6	10.0
Europe	**12.7**	**10.8**	**15.7**
Eastern Europe	1.1	1.2	1.9
Western Europe	11.6	9.6	13.8
Latin America	**16.8**	**6.9**	**8.8**
Caribbean	5.4	1.0	0.9
Central America	6.1	2.0	2.9
South America	5.3	3.9	5.0
Middle East	**10.0**	**6.5**	**7.1**
North America	**5.8**	**4.1**	**1.9**
Oceania	**1.1**	**0.8**	**1.0**
TOTAL	**100.0**	**100.0**	**100.0**

[1] *Includes Eastern, Central, Southern, and West Africa.*

FOREIGN STUDENTS BY ACADEMIC LEVEL

This section presents separate profiles of foreign undergraduate and graduate students. It examines the geographic origins of students at each level and analyzes other characteristics of graduate and undergraduate students, such as primary funding source, gender, marital and enrollment status, and immigration status or visa type.

UNDERGRADUATE STUDENTS

World Regions and Subregions of Origin. Asians were by far the largest single group among foreign undergraduates studying in the United States in academic year 1990/91, as data in **Table 9.2** reveal. Close to half (46.6%) of all foreign undergraduates came from Asia; more than one-quarter of all undergraduates

TABLE 9.3

Fields of Study of Foreign Students within Academic Level, 1990/91

Field of Study	Academic Level		
	Under-graduate	Graduate	Other
Agriculture	0.9%	3.5%	0.1%
Business and Management	26.5	14.7	7.2
Education	1.9	4.6	1.1
Engineering	15.3	23.0	5.0
Fine and Applied Arts	5.5	3.8	3.0
Health Sciences	3.8	4.7	2.2
Humanities	2.2	6.2	1.1
Mathematics and Computer Science	9.1	10.4	2.9
Physical and Life Sciences	4.6	14.2	1.9
Social Sciences	6.5	9.5	1.7
Other	13.0	4.4	4.4
Intensive English Language	0.1	1.0	59.7
Undeclared	10.6	0.0	9.7
TOTAL	100.0	100.0	100.0

(26.6%) were from the subregion of East Asia and an additional 13.2% from Southeast Asia. While the Southeast Asians' share seems small in comparison to East Asians', it is still greater than the share of all Europeans, who made up merely 12.7% of the foreign undergraduate population. Substantial proportions of the remaining undergraduate students were from Latin America (16.8%), the Middle East (10%), and Africa (7%), while smaller portions were from North America (5.8%) and Oceania (1.1%).

Fields of Study. The field of study chosen most frequently by foreign undergraduates was business and management, as shown in **Table 9.3**, with over one-quarter of them (26.5%) concentrating in this field. Engineering, the second most chosen field, drew a much smaller share (15.3%) and mathematics and computer science attracted just under ten percent (9.1%). An additional 13% were majoring in "other" fields, in all likelihood, liberal arts (**see Table 3.0 for a listing of fields included in the "other" category**). Of the remaining fields, only the social sciences (6.5%) drew more than 5% of all foreign undergraduates.

Primary Sources of Funds. As **Table 9.4** indicates, eight of every ten international undergraduate students (80.2%) drew their major funding for study in this country from personal and family resources. Less than 10% were funded by any other single source: 6.5% were sponsored by the U.S. institutions they attended, and 5% were financed by their home government or university.

Gender and Marital Status. Nearly four out of ten foreign undergraduates (40.8%) were female (**Table 9.5**), and by far the greater proportion of the undergraduates (89.8%) were single (**Table 9.6**).

Enrollment Status and Immigration (Visa) Status. Most international undergraduates studied on a full-time basis (89.7%), as shown in **Table 9.7**, and a proportion almost as high (83.4%) were on F visas, as **Table 9.8** reveals.

GRADUATE STUDENTS

World Regions and Subregions of Origin. The data in **Table 9.2** show that the geographic origin of graduate students is less diverse than that of undergraduates. Almost two-thirds of all foreign graduate students in the United States (65.6%), a much larger proportion than that of undergraduate students, were from a single region—Asia. East Asians alone accounted for 44.1% of all foreign graduate students; South and Central Asians accounted for an additional 15% and Southeast Asians for 6.6% more. Europeans were the only other regional group accounting for over 10%, and then just slightly over, with 10.8%.

Some differences in the geographic origin of graduate and undergraduate foreign students, in addition to the Asians' unequal representation among these populations, are worth noting. For instance, Latin America was home to as many as 16.8% of the undergraduate students in the United States, but to only 6.9% of the graduate students. Likewise, the Middle East was the source of 10% of foreign undergraduates, but of only 6.5% of foreign graduate students. Students from other world regions were almost equally represented among

TABLE 9.4

Primary Source of Funds of Foreign Students within Academic Level, 1990/91

Primary Source of Funds	Academic Level		
	Under-graduate	Graduate	Other
Personal and Family	80.2%	43.6%	58.3%
U.S. College or University	6.5	38.6	4.3
Home Government/University	5.0	6.2	3.3
Foreign Private Sponsor	1.3	3.4	2.7
U.S. Private Sponsor	4.1	3.2	2.7
Current Employment	0.7	1.0	25.0
U.S. Government	1.5	2.3	1.2
International Organization	0.3	1.1	0.7
Other	0.4	0.6	1.8
TOTAL	100.0	100.0	100.0

TABLE 9.5

Gender of Foreign Students within Academic Level, 1990/91			
	Academic Level		
Gender	Under-graduate	Graduate	Other
Male	59.2%	69.6%	59.2%
Female	40.8	30.4	40.8
TOTAL	100.0	100.0	100.0

TABLE 9.6

Marital Status of Foreign Students within Academic Level, 1990/91			
	Academic Level		
Marital Status	Under-graduate	Graduate	Other
Single	89.8%	65.9%	78.9%
Married	10.2	34.1	21.1
TOTAL	100.0	100.0	100.0

the international graduate and undergraduate populations: Europeans accounted for 12.7% of the undergraduate and 10.8% of the graduate population; North Americans made up 5.8% of students at the graduate level and 4.1% of those at the undergraduate level; and Oceanians represented approximately 1% of each population.

Fields of Study. In contrast to undergraduates, who preferred business and management, graduate students chose engineering most often, nearly one-quarter (23%) of them enrolling in this field, as **Table 9.3** indicates. On the other hand, only 14.7% selected business and management, a proportion almost half that of undergraduates in this field. The next most popular field, the physical and life sciences, enrolled almost as many graduate students as business and management, 14.2%. This contrasts sharply with the low enrollments of undergraduates in physical and life sciences, 4.6%. Math and computer science was chosen by just over ten percent (10.4%), a share slightly higher than the undergraduates'. The social sciences drew more graduate students, with close to 10% enrolled in this field, compared to 7% of undergraduates. International students at the graduate level chose the humanities and education (6.2% and 4.6%, respectively) twice as often as undergraduates.

Primary Sources of Funds. The largest group of international graduate students drew most of their funding from personal and family sources, a little more than four-tenths (43.6%) of them being supported by these funds (**Table 9.4**). However, this proportion is almost half

9.A
Academic Level of Foreign Students by World Region of Origin, 1990/91

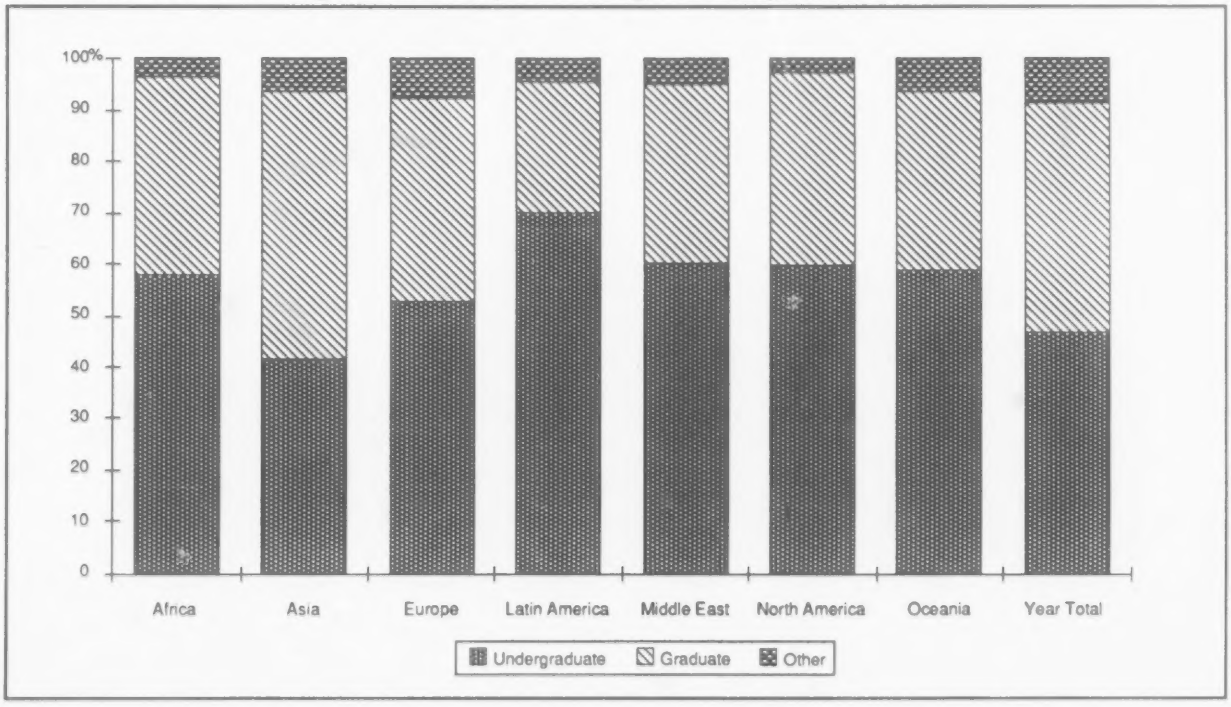


TABLE 9.7

Enrollment Status of Foreign Students within Academic Level, 1990/91

Enrollment Status	Academic Level		
	Under-graduate	Graduate	Other
Full-Time	89.7%	87.7%	85.2%
Part-Time	10.3	12.3	14.8
TOTAL	100.0	100.0	100.0

of the proportion of undergraduates who rely on personal and family funds for their study in this country. Undergraduate and graduate international students also differed in the shares receiving primary support from the schools they attended. While only 6.5% of undergraduates received the bulk of their funding from U.S. colleges and universities, six times as many of the graduate students (38.6%) received the major portion of their funding from this source. Home governments and universities were the third largest financial contributor to foreign students at the graduate level, subsidizing the study of 6.2% of all graduate students in the United States.

Gender and Marital Status. The results of last year's Census, shown in **Table 9.5**, reveal that women held a considerably smaller share of the international students at the graduate level (30.4%) than of students at the undergraduate level (40.8%). Also, as is illustrated in **Table 9.6**, understandably, more of the graduate (34.1%) than of the undergraduate (10.2%) students were married.

Enrollment Status and Immigration (Visa) Status. Like undergraduate students, the vast majority of graduate students (87.7%) were studying full-time (**Table 9.7**). Three-quarters (78.6%) of them were studying on F

TABLE 9.8

Immigration (Visa) Status of Foreign Students within Academic Level, 1990/91

Visa Type	Academic Level		
	Under-graduate	Graduate	Other
F visa	83.4%	78.6%	71.6%
J Visa	4.4	17.6	16.2
M Visa	0.4	0.0	0.1
Other Visa	7.8	3.7	9.5
Refugee	4.0	0.1	2.6
TOTAL	100.0	100.0	100.0

TABLE 9.9

Academic Level of Foreign Students by Geographic Origin, 1990/91

Region/Locality	Academic Level		
	Under-graduate	Graduate	Other
AFRICA	**57.6%**	**38.9%**	**3.5%**
North Africa	**40.7**	**54.7**	**4.6**
Egypt	34.0	60.8	5.2
Morocco	68.1	27.8	4.1
Tunisia	17.2	80.3	2.5
Sudan	46.3	49.0	4.7
Algeria	21.0	73.2	5.8
Libya	40.9	53.6	5.5
Sub-Saharan Africa	**61.6**	**35.2**	**3.2**
Nigeria	58.3	39.4	2.3
Kenya	69.1	28.5	2.4
South Africa	53.9	42.8	3.3
Ethiopia	80.5	17.5	2.0
Ghana	50.7	45.6	3.7
ASIA	**41.5**	**52.0**	**6.5**
East Asia	**37.4**	**55.0**	**7.6**
China	13.9	82.0	4.1
Japan	68.6	17.5	13.9
Taiwan	22.6	71.7	5.7
Korea, Rep. of	27.5	63.9	8.6
Hong Kong	73.7	23.6	2.7
South and Central Asia	**32.7**	**63.7**	**3.6**
India	20.0	76.1	3.9
Pakistan	61.4	35.9	2.7
Bangladesh	58.9	38.6	2.5
Sri Lanka	53.6	43.2	3.2
Nepal	61.0	36.6	2.4
Southeast Asia	**64.9**	**29.2**	**5.9**
Malaysia	78.6	18.0	3.4
Indonesia	65.1	29.3	5.6
Thailand	36.9	53.1	10.0
Singapore	73.4	24.5	2.1
Philippines	55.2	40.0	4.8
EUROPE	**52.5**	**39.8**	**7.7**
Eastern Europe	**47.5**	**43.1**	**9.4**
Poland	45.1	44.0	10.9
U.S.S.R.	55.6	27.7	16.7
Yugoslavia	40.1	56.5	3.4
Hungary	43.5	51.6	4.9
Romania	60.1	34.3	5.6
Western Europe	**53.1**	**39.4**	**7.5**
United Kingdom	58.3	34.5	7.2
Germany	44.2	46.7	9.1
France	48.4	41.0	10.6
Greece	46.1	50.7	3.2
Spain	54.0	37.1	8.9
LATIN AMERICA	**69.9**	**25.7**	**4.4**
Caribbean	**84.2**	**14.0**	**1.8**
Jamaica	79.0	18.7	2.3
Trinidad and Tobago	80.3	17.7	2.0
Bahamas	90.8	8.6	0.6
Haiti	91.8	7.0	1.2
Cuba	97.4	2.2	0.4
Central America	**74.3**	**21.5**	**4.2**
Mexico	64.0	30.0	6.0
Nicaragua	94.1	4.8	1.1
Panama	81.7	15.3	3.0
Honduras	84.4	13.1	2.5
El Salvador	82.7	14.2	3.1
South America	**56.4**	**37.3**	**6.3**
Brazil	44.9	49.4	5.7
Colombia	58.0	33.9	8.1
Venezuela	57.6	33.5	8.9
Peru	66.0	28.7	5.3
Argentina	43.7	50.9	5.4
MIDDLE EAST	**60.1**	**34.8**	**5.1**
Iran	58.7	37.1	4.2
Jordan	70.9	25.5	3.6
Turkey	34.4	57.7	7.9
Lebanon	61.4	34.4	4.2
Saudi Arabia	55.5	36.4	8.1
NORTH AMERICA	**59.5**	**38.1**	**2.4**
Canada	58.6	39.0	2.4
Bermuda	87.1	11.5	1.4
OCEANIA	**58.7**	**35.1**	**6.2**
Australia	45.4	49.7	4.9
Pacific Islands, Trust Terr. of	86.4	1.3	12.3
New Zealand	41.2	55.5	3.3
YEAR TOTAL	46.6	44.7	8.7

TABLE 9.10

Academic Level of Foreign Students by Field of Study, 1990/91

Field of Study	Academic Level		
	Under-graduate	Graduate	Other
Agriculture	21.8%	78.0%	0.2%
Business and Management	64.2	33.0	2.8
Education	29.9	67.4	2.7
Engineering	41.0	56.9	2.1
Fine and Applied Arts	58.1	36.8	5.1
Health Sciences	45.1	50.8	4.1
Humanities	27.0	70.8	2.2
Mathematics & Computer Sci.	47.2	50.4	2.4
Physical and Life Sciences	25.6	72.7	1.7
Social Sciences	41.4	56.8	1.8
Other	73.0	23.0	4.0
Intensive English Language	0.2	0.0	99.8
Undeclared	80.7	7.3	12.0

TABLE 9.11

Academic Level of Foreign Students by Primary Source of Funds, 1990/91

Primary Source of Funds	Academic Level		
	Under-graduate	Graduate	Other
Personal and Family	68.5%	26.2%	5.3%
U.S. College or University	19.2	79.5	1.3
Home Government/University	51.5	44.9	3.6
Foreign Private Sponsor	32.4	60.4	7.2
U.S. Private Sponsor	61.6	34.1	4.3
Current Employment	18.1	16.5	65.4
U.S. Government	46.5	49.6	3.9
International Organization	23.3	70.3	6.4
Other	39.9	39.7	20.4

visas, and a substantial proportion (17.6%) were on J visas (**Table 9.8**).

ACADEMIC LEVEL DISTRIBUTION OF SELECTED SUBGROUPS OF FOREIGN STUDENTS

This next section examines the academic level breakdowns of specific subgroups of foreign students. For instance, it will show whether students from particular world regions or countries were studying at the undergraduate, graduate, or "other" level. It will also examine the academic levels of students in particular fields of study, as well as of subgroups based on primary source of funds, gender, marital status, enrollment status and visa or immigration status. **(For more detailed profiles of international student groups based on geographic origin, field of study, and academic level, see *Profiles 1989/90: Detailed Analyses of the Foreign Student Population*, a complementary volume to *Open Doors* published by IIE biennially).**

9.B
Academic Level of Foreign Students by Field of Study, 1990/91

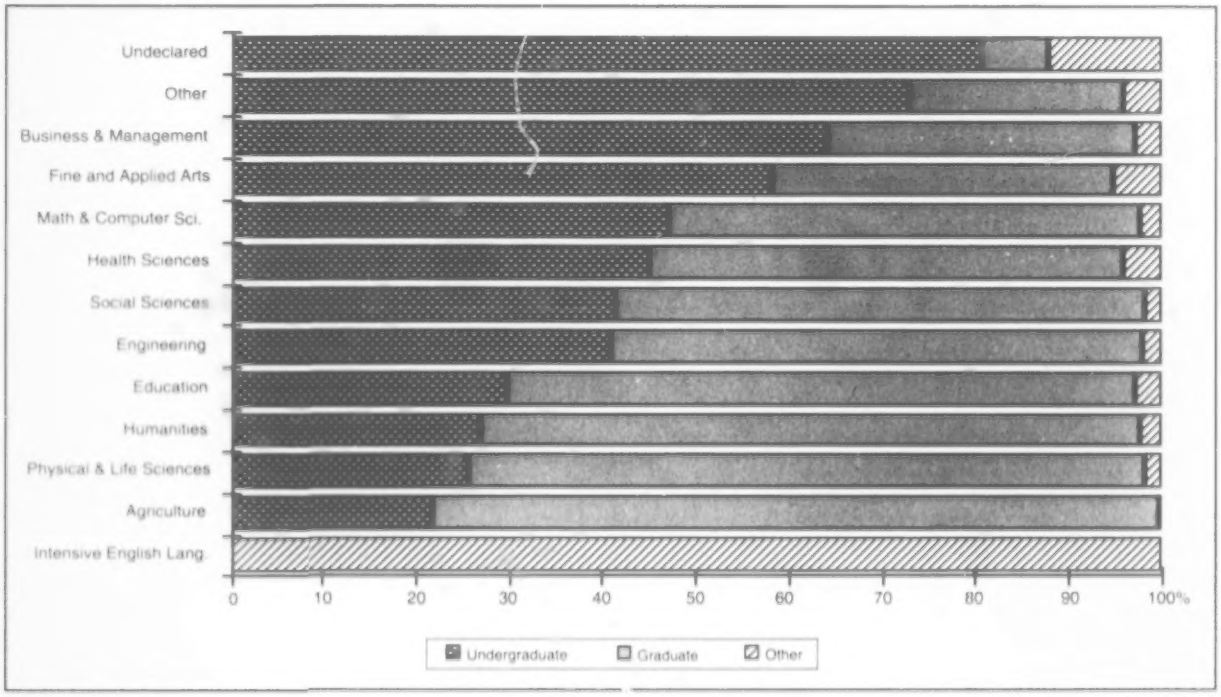


TABLE 9.12

Academic Level of Foreign Students by Gender, 1990/91

Gender	Academic Level			All Levels
	Under-graduate	Graduate	Other	
Male	45.8%	48.7%	5.5%	100.0%
Female	55.8	37.5	6.7	100.0

TABLE 9.13

Academic Level of Foreign Students by Marital Status, 1990/91

Gender	Academic Level			All Levels
	Under-graduate	Graduate	Other	
Single	57.5%	36.0%	6.5%	100.0%
Married	24.4	69.1	6.5	100.0

Academic Level by Geographic Origin. Presented in **Table 9.9** and **Figure 9.A** are the academic level breakdowns of students by geographic origin. As in previous years, the world region sending the highest percentage of undergraduates was Latin America (67.2%). Within Latin America, the Caribbean underlined the trend, with 81% of its students studying at the undergraduate level. Other world regions and subregions with high proportions of undergraduates include Central America (70%), Southeast Asia (64.6%), and Oceania (66.5%).

While undergraduates greatly outnumbered graduate students among most regional groups, this was not the case with students from **Asia**, the majority of whom (52%) were enrolled at the graduate level. Students from the Asian subregion of **East Asia** (55%) and from some of the leading places of origin within East Asia were predominantly graduate; 82% of Chinese, 71.7% of students from Taiwan, and 63.9% of South Koreans were all studying at the graduate level. However, among students from Japan (17.5% graduate) and from Hong Kong (23.6% graduate), undergraduates greatly outnumbered the graduate students.

The majority of students from **South and Central Asia** were graduate (63.7%), to a large extent due to the fact that 76.1% of the Indians, the largest group from this region, were studying at this level. However, the majority of the students from the other leading countries in this subregion were undergraduates.

Southeast Asians were not typical of Asians overall in that they enrolled in undergraduate programs (64.9%) considerably more often. Of the students from the leading countries within Southeast Asia, over three-quarters of Malaysians (78.6%) and nearly that proportion of students from Singapore (73.4%) were enrolled as undergraduates. Thais, however, did not follow the pattern of other Southeast Asians in that over half of them (53.1%) were enrolled in graduate schools.

The region with the second highest proportion of graduate students in the United States was **Europe**. Close to 40% of European students were enrolled above the bachelor's degree level. Among some of the largest **Western European** groups, the proportion of graduate students was larger than the regional average: 50.7% of the Greek, 46.7% of the German, and 41.0% of the French students were graduate students. By contrast, the majority of British (58.3%) and Spanish (54.0%) students were undergraduates.

Eastern European students on the whole were almost evenly distributed in undergraduate (47.5%) and graduate (43.1%) programs. There were, however, variations among the leading Eastern European national groups. A majority of Yugoslavians and Hungarians enrolled as graduate students (56.5% and 51.6% respectively), while well over half of the Soviet students (55.6%) came as undergraduates. A relatively large share of Soviet students (16.7%) were in the "other" level category, which includes practical training, non-degree and intensive English language programs.

While the majority of **Africans** (57.6%) came to study in the United States as undergraduates, most **North Africans** studying here (54.7%) were enrolled above the bachelor's degree level. Of the largest North African groups, very high proportions of Tunisians (80.3%) and Algerians (73.2%) were graduate students. Only around 30% of Moroccans were studying above the undergraduate level, however. **Sub-Saharan** Africans followed the overall African pattern more closely, with undergraduates outnumbering graduate students about three to one. The proportion of Ethiopians who were undergraduates was, however, exceptionally high (80.5%).

The region sending the highest proportion of undergraduates to the United States was **Latin America**, with 70% of the students from this region studying at the

TABLE 9.14

Academic Level of Foreign Students by Enrollment Status, 1990/91

Enrollment Status	Academic Level			All Levels
	Under-graduate	Graduate	Other	
Full-Time	50.8%	43.8%	5.4%	100.0%
Part-Time	45.3	47.4	7.3	100.0

TABLE 9.15

Academic Level of Foreign Students by Immigration (Visa) Status, 1990/91

Visa Status	Academic Level			All Levels
	Under-graduate	Graduate	Other	
F Visa	51.7%	43.0%	5.3%	100.0%
J Visa	19.9	71.2	8.9	100.0
M Visa	95.9	2.6	1.5	100.0
Other Visa	64.2	26.5	9.3	100.0
Refugee	90.1	2.9	7.0	100.0

undergraduate level. Students from the **Caribbean** underlined the trend, with over 84% following undergraduate programs. Among Cubans the figure was over 97%, and among Haitians close to 92%. Three-quarters of the students from **Central American** countries were undergraduates, the proportion of Nicaraguan undergraduates being the highest, at 94%. Compared to other subregions of Latin America, the proportion of **South Americans** coming to the United States as undergraduates was relatively small (56.4%). The proportion of Argentinians (43.7%) and of Brazilians (44.9%) at this level was particularly low, while Peru's share of undergraduates was highest at 66%.

Six of every ten (60.1%) of the **Middle Eastern** students were studying at the undergraduate level, but among Jordanians the figure was closer to eight in ten (70.9%). Contrary to the overall Middle Eastern pattern, a majority of Turkish students (57.7%) were in graduate school.

Among **North American** and **Oceanian** students, again the proportions of undergraduates outweighed that of graduates with 59.5% and 58.7%, respectively. The proportions of undergraduates from Bermuda (87.1%) and the Pacific Islands Trust Territory (86.4%) were among the highest of any country. Over half of the students from New Zealand (55.5%), however, were graduate students.

Academic Level by Field of Study. As shown in **Table 9.10**, foreign students in different fields of study were at the graduate and undergraduate level in varying proportions. Thus, more than two-thirds of the students in four major fields were graduate students: 78.0% of the students in agriculture, 72.7% of the students in physical and life sciences, 70.8% of the students in the humanities, and 67.4% of the students in education. In other fields, such as engineering (56.9%) and the social sciences (56.8%), a little more than half of the students were at the graduate level. At the other end of the continuum, large percentages of the international students studying business and management (64.2%) and fine and applied arts (58.1%) were at the undergraduate level (**Table 9.10** and **Figure 9.B**).

Academic Level by Primary Source of Funds. As described in Chapter 4, most foreign students in the United States received the bulk of their funding from personal and family sources. **Table 9.11** shows that of these students, over two-thirds (68.5%) were studying at the undergraduate level. Students whose greatest source of financial assistance came from the colleges and universities they attended were overwhelmingly at the graduate level (79.5%). Of those who received their primary funding from their home governments or universities, a slightly higher proportion were undergraduates than graduates (51.5% and 44.9%, respectively). Students sponsored by the United States government were almost equally divided among the graduate and undergraduate levels (49.6% and 46.5%, respectively).

Academic Level by Gender. The data in **Table 9.12** show that just under half (48.7%) of the male foreign students were graduates. For female students the percentage was smaller at 37.5%. Also important to note is that females were more likely (6.7%) than males (5.5%) to be in the "other" academic level category.

Academic Level by Marital Status. Not surprisingly, a greater proportion of married students were studying at the graduate (69.1%) rather than at the undergraduate (24.4%) level, as an examination of **Table 9.13** reveals. The opposite is true for single students, the majority of whom (57.5%) were undergraduate students.

Academic Level by Enrollment Status. Slightly more than half of the full-time (50.8%), but less than half (45.3%) of part-time students were at the undergraduate level (**Table 9.14**). A lower proportion of full-time students (43.8%) were at the graduate level, as were a slightly larger proportion of part-time students (47.4%).

Academic Level by Immigration (Visa) Status. As can be seen in **Table 9.15**, a little over half (51.7%) of the international students holding F visas and the vast majority (90.1%) of students with refugee status were undergraduates. At the same time, 71.2% of all J visa holders were graduate students.

Part IV: FOREIGN STUDENTS IN INTENSIVE ENGLISH LANGUAGE PROGRAMS

BACKGROUND

In the late seventies, IIE conducted an exploratory survey to determine the number of non-immigrant foreign students enrolled in intensive English language programs (IELP's). The results of that survey, presented in *Open Doors 1978/79*, indicated that a significant number of foreign students enrolled in these IELP's. Since these students constitute a substantial pool for entry into full-time academic programs, IIE began to survey IELP's on an annual basis.

THE SURVEY

Using *English Language and Orientation Programs in the United States*, (New York, IIE, 1988) as a directory of IELP's, IIE surveyed 392 programs offering a minimum of fifteen hours of classroom instruction per week, 23 less than in 1989/90. Officials connected with each program were asked to report the total number of foreign students

TABLE 10.0

Foreign Student Enrollment and Intensive English Language Programs Reporting, Fall 1978/79-1990/91

Year	Foreign IELP Students	Number of Programs
1978/79	23,607	163
1979/80	20,243	190
1980/81	22,897	238
1981/82	32,224	305
1982/83	30,135	314
1983/84	25,246	308
1984/85	25,414	352
1985/86	23,956	337
1986/87	25,044	306
1987/88	23,965	291
1988/89	29,747	306
1989/90	35,036	355
1990/91	34,703	341

10.A
Foreign Student Enrollments in Intensive English Language Programs, 1978/79 - 1990/91

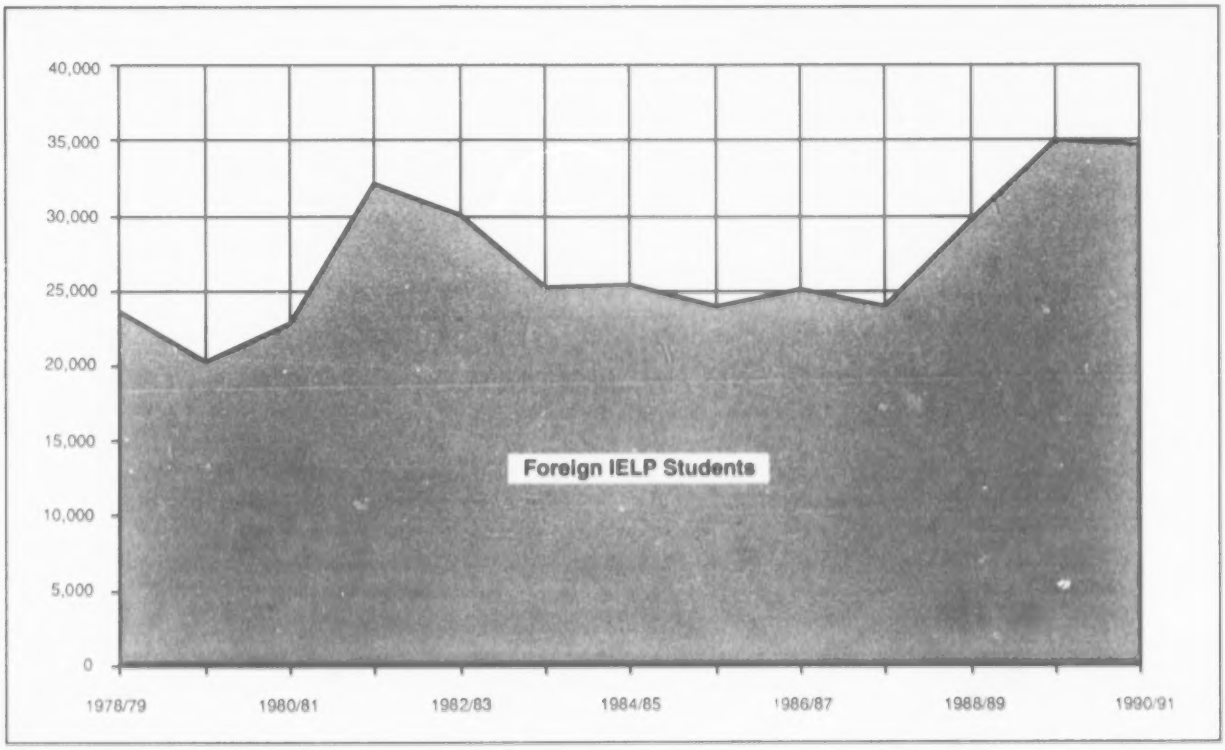


TABLE 10.1

Intensive English Language Programs and IELP Students by Reporting Category, Fall 1988/89-1990/91

Reporting Category	1988/89				1989/90				1990/91			
	IELP Programs		Foreign IELP Students		IELP Programs		Foreign IELP Students		IELP Programs		Foreign IELP Students	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
IELP Survey Only	151	49.3	16,437	55.3	173	48.7	19,464	55.6	177	51.9	19,663	56.7
Annual Census	155	50.7	13,310	44.7	182	51.3	15,572	44.4	164	48.1	15,040	43.3
TOTAL	**306**	**100.0**	**29,747**	**100.0**	**355**	**100.0**	**35,036**	**100.0**	**341**	**100.0**	**34,703**	**100.0**

TABLE 10.2

Institutions with the Most IELP Students, Fall 1990/91

Institution	State	IELP Students[1]
Miami-Dade Community College/ESL	FL	1,365
Hunter College/International English Language Institute	NY	918
Harold Washington College/ESL	IL	872
Hawaii Pacific University/English Foundations Program	HI	724
Boston University/Center for English Language and Orientation Programs	MA	579
University of Southern California/American Language Institute	CA	570
Queens College/English Language Institute	NY	473
San Diego State University/American Language Institute	CA	416
Brigham Young University/English Language Institute	HI	382
University of California, Riverside/Intensive English Program	CA	380
Delgado College/ESL	LA	348
El Paso Community College/Intensive English Program	TX	345
University of Washington/Intensive English Program	WA	342
La Guardia Community College/Intensive English Program	NY	340
Center for English Studies/ESL	NY	327
New York University/American Language Institute	NY	327
Language Institute for English/ESL	NJ	302
Columbia University/American Language Program	NY	298
California State University, Northridge/ESL	CA	296
University of California, Los Angeles/American Language Center	CA	275

[1] *These figures include refugees. Since refugees will not be included in the 1991/92 survey, the rank order of institutions with large numbers of refugees, such as Miami-Dade Community College/ESL (where 876 of the 1,365 IELP students were refugees) will be affected.*

TABLE 10.3

States with the Most IELP Students and Percent Change, Fall 1989/90-1990/91

Rank		State	1989/90		1990/91		% Change
1989/90	1990/91		Foreign Students	% of Total	Foreign Students	% of Total	
1	1	California	7,955	22.7	6,873	19.8	-13.6[1]
2	2	New York	3,562	10.2	4,008	11.5	12.5
3	3	Florida	2,631	7.5	2,531	7.3	-3.8
5	4	Illinois	1,667	4.8	1,943	5.6	16.6
4	5	Texas	1,710	4.9	1,763	5.1	3.1
8	6	Hawaii	974	2.8	1,318	3.8	35.3
6	7	Washington	1,533	4.4	1,303	3.8	-15.0
7	8	Massachusetts	1,231	3.5	1,301	3.7	5.7
10	9	Ohio	902	2.6	881	2.5	-2.3
9	10	Kansas	972	2.8	815	2.3	-16.2
		Total, 10 Leading States	**23,137**	**66.2**	**22,736**	**65.4**	**-1.7**

[1] *See text, page 82, for analysis of California data.*

enrolled during the fall of 1990, their gender, visa type, and geographic origin, and to indicate whether information on these students was also reported in the Census. **(A list of the IELP's surveyed and the enrollment in each that responded appears in Appendix B.1).**

IIE received 347 responses to the survey, down from 372 in the previous year. A total of 341 institutions reported enrolling foreign students in intensive English language programs, a decrease of 14 over 1989/90. The remaining six reported enrolling no foreign students.

FINDINGS

A total of 34,703 foreign students were enrolled in IELP's last year, as the data in **Table 10.0** show, 333 fewer than in 1989/90. (It should be noted that this decrease is most likely caused by the slight drop in the number of institutions responding to the survey, rather than a decline in actual enrollments). This is the second largest number of IELP students since IIE began this survey, topped only by the number in the previous year.

Even though last year's total IELP enrollment was smaller than the previous year, it was still well above the 1981/82 peak of 32,224 (**Table 10.0** and **Figure 10.A**). In the period between 1982/83 and 1987/88, IELP numbers fell substantially, ranging between 24,000 and 25,000. Since then, however, tremendous growth has occurred: the number of students grew from 23,965 in 1987/88 to 34,703 in 1990/91, representing an increase of 44.8%. The number of programs also grew rapidly during the same period, going from 291 to 341, an increase of 17.2%.

The number of IELP's which are not affiliated with a college or university (those listed under "IELP Survey only") stayed relatively stable last year, as a look at **Table 10.1** reveals. There were four more such programs in 1990/91 than in the previous year, bringing the total to 177. However, the number of programs affiliated with a college or university (those listed under "Annual Census") fell from 182 to 164 this year, a decrease of 18. In college affiliated programs, enrollments shrank by 532, falling from 15,572 in 1989/90 to 15,040 last year. Independent programs attracted 199 more students last year, for a total of 19,663. In the past three years, the majority of IELP students, about 55%, obtained their language training in programs not affiliated with a college or university.

IELP's With the Most Foreign Students. An examination of **Table 10.2** reveals that only one intensive English language program enrolled more than 1,000 students: Miami-Dade Community College/English as a Second Language, with 1,365 students (of these, 876 are

TABLE 10.4

Reporting Category of IELP Students by State, Fall 1990/91

State	Reporting Category		Foreign IELP Students
	Included in Census	Not Included in Census	
Alabama	203	—	203
Alaska	21	—	21
Arizona	303	151	454
Arkansas	37	72	109
California	2,422	4,451	6,873
Colorado	57	697	754
Connecticut	52	50	102
Delaware	150	—	150
District of Columbia	315	493	808
Florida	1,531	1,000	2,531
Georgia	177	409	586
Hawaii	429	889	1,318
Idaho	—	47	47
Illinois	1,346	597	1,943
Indiana	50	225	275
Iowa	287	115	402
Kansas	555	260	815
Kentucky	81	59	140
Louisiana	192	422	614
Maine	78	2	80
Maryland	64	146	210
Massachusetts	842	459	1,301
Michigan	460	230	690
Minnesota	73	193	266
Mississippi	47	148	195
Missouri	215	59	274
Montana	0	0	0
Nebraska	126	90	216
Nevada	7	75	82
New Hampshire	72	—	72
New Jersey	213	367	580
New Mexico	39	—	39
New York	845	3,163	4,008
North Carolina	261	177	438
North Dakota	0	0	0
Ohio	725	156	881
Oklahoma	223	381	604
Oregon	265	451	716
Pennsylvania	511	194	705
Rhode Island	47	—	47
South Carolina	—	128	128
South Dakota	34	—	34
Tennessee	186	190	376
Texas	449	1,314	1,763
Utah	492	112	604
Vermont	49	109	158
Virginia	88	142	230
Washington	235	1,068	1,303
West Virginia	12	100	112
Wisconsin	174	272	446
Wyoming	0	0	0
Guam	0	0	0
Puerto Rico	0	0	0
Virgin Islands	0	0	0
TOTAL	**15,040**	**19,663**	**34,703**

TABLE 10.5

IELP Students by World Region of Origin, and Percent Change, Fall 1989/90-1990/91

Region of Origin[1]	1989/90 Foreign IELP Students	1989/90 % of Total	1990/91 Foreign IELP Students	1990/91 % of Total	% Change
Africa	771	2.2	672	1.9	-12.8
Asia	21,391	61.1	21,714	62.6	1.5
Europe	3,201	9.1	3,271	9.4	2.2
Latin America	6,396	18.2	6,018	17.3	-5.9
Middle East	3,008	8.6	2,701	7.8	-10.2
North America	24	0.1	28	0.1	16.7
Oceania	182	0.5	248	0.7	36.3

[1] Does not include students classified as stateless.

refugees who will not be counted in next year's census). Hunter College/International English Language Institute was a close second, with 918 students. The third largest program was Harold Washington College/ESL, with 872 students. Other programs with relatively high enrollments were Hawaii Pacific University/English Foundations Program (724); Boston University/Center for English Language and Orientation Programs (579); and the University of Southern California/American Language Institute, (570). The ten largest programs combined enrolled a total of 6,679 students, almost one-fifth (19.2%) of all foreign nationals obtaining intensive English language training.

Distribution of IELP Students by State. The distribution of foreign IELP students among the states, territories, and the District of Columbia is presented in

10.B
Gender of IELP Students, 1990/91

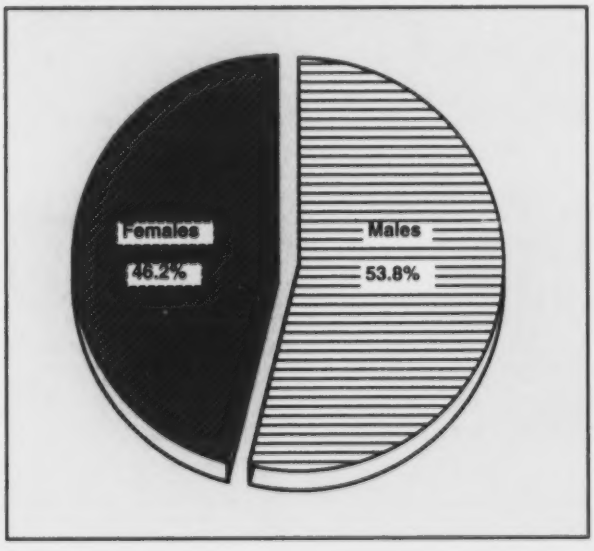


TABLE 10.6

IELP Students by World Region, Subregion, and Leading Place of Origin, 1989/90-1990/91

Locality	1989/90	1990/91	% Change
Africa	**771**	**672**	**-12.8**
North Africa	**323**	**227**	**-29.7**
Morocco	181	98	-45.9
Egypt	49	68	38.8
Sudan	41	29	-29.3
Sub-Saharan Africa[1]	**448**	**445**	**-0.7**
Ivory Coast	50	61	22.0
Ethiopia	79	52	-34.2
Zaire	44	46	4.5
Asia	**21,391**	**21,714**	**1.5**
East Asia	**17,799**	**18,833**	**5.8**
Japan[2]	11,699	10,545	-9.9
Korea, Rep. of	2,633	4,011	52.3
Taiwan	1,369	2,470	80.4
South and Central Asia	**358**	**327**	**-8.7**
India	86	101	17.4
Pakistan	92	89	-3.3
Bangladesh	125	81	-35.2
Southeast Asia	**3,234**	**2,554**	**-21.0**
Thailand	989	1,157	17.0
Indonesia	789	884	12.0
Malaysia	243	241	-0.8
Europe	**3,201**	**3,271**	**2.2**
Eastern Europe	**446**	**663**	**48.7**
U.S.S.R.	183	294	60.7
Poland	146	231	58.2
Yugoslavia	57	41	-28.1
Western Europe	**2,755**	**2,608**	**-5.3**
Spain	724	588	-18.8
Switzerland	439	504	14.8
France	475	484	1.9
Latin America	**6,396**	**6,018**	**-5.9**
Caribbean	**420**	**578**	**37.6**
Cuba	112	265	136.6
Dominican Republic	158	202	27.8
Haiti	132	95	-28.0
Central America	**3,219**	**2,558**	**-20.5**
Mexico	1,810	1,536	-15.1
Nicaragua	712	524	-26.4
Guatemala	218	122	-44.0
South America	**2,757**	**2,882**	**4.5**
Colombia	766	752	-1.8
Venezuela	531	668	25.8
Brazil	505	497	-1.6
Middle East	**3,008**	**2,701**	**-10.2**
Turkey	574	639	11.3
Saudi Arabia	672	581	-13.5
United Arab Emirates	314	349	11.1
North America	**24**	**28**	**16.7**
Canada	24	28	16.7
Oceania	**182**	**248**	**36.3**
Western Samoa	47	71	51.1
Tonga	36	61	69.4
French Polynesia	34	44	29.4
TOTAL	**35,036**	**34,703**	**-1.0**

[1] Includes Eastern, Central, Southern, and West Africa.
[2] See text, page 83, for analysis of Japan data.

TABLE 10.7

Leading Countries or Other Places of Origin of IELP Students and Percent Change, Fall 1989/90-1990/91

Rank		Country/ Locality of Origin	1989/90		1990/91		% Change
1989/90	1990/91		Foreign IELP Students	% of Total IELP	Foreign IELP Students	% of Total IELP	
1	1	Japan	11,699	33.4	10,545	30.4	-9.9[1]
2	2	Korea, Rep. of	2,633	7.5	4,011	11.6	52.3
5	3	Taiwan	1,369	3.9	2,470	7.1	80.4
3	4	Mexico	1,810	5.2	1,536	4.4	-15.1
4	5	China	1,562	4.5	1,254	3.6	-19.7
6	6	Thailand	989	2.8	1,157	3.3	17.0
8	7	Indonesia	789	2.3	884	2.5	12.0
9	8	Colombia	766	2.2	752	2.2	-1.8
—	9	Venezuela	531	1.5	668	1.9	25.8
—	10	Turkey	574	1.6	639	1.8	11.3
		Total, 10 Leading Places of Origin	**23,330[2]**	**66.7[2]**	**23,916**	**68.8**	**2.5**

[1] *See text, page 83, for analysis of Japan data.*
[2] *Totals are for the ten leading countries of origin of 1989/90, which included Vietnam (ranked seventh) and Spain (ranked tenth).*

Table 10.4. The numbers of students included in the Census and those not included in the Census are listed separately. Distribution was quite uneven, ranging from 21 students in Alaska to 6,873 in California. Seven other states had well over 1,000 IELP students, while three states and three territories had none.

States with the Most IELP Students. California had by far the highest IELP enrollments, as **Table 10.3** shows, with 6,873. New York was a distant second, with 4,008 students, followed by Florida, with 2,531 students; Illinois, with 1,943 students; and Texas, with 1,763 students. Rounding out the top ten list were Hawaii, Washington, Massachusetts, Ohio, and Kansas. Seven of these states also had the highest enrollments of foreign students in general (see **Table 5.6**), the only exceptions being Washington, Hawaii, and Kansas. The top ten states enrolled 65.4% of all IELP students in this country, California alone being home to about one-fifth (19.8%) of all IELP students. Ranking among the top ten states shifted only slightly.

In five of the top ten states IELP enrollments went up in the past year. New York had the largest number of new students, 446. Hawaii had 344 additional students, Illinois had 276 more, Massachusetts 70 more, and Texas 53 more. The biggest proportional growth occurred in Hawaii, where the IELP population grew 35.3% last year. Kansas, where IELP enrollments had grown substantially in 1989/90, reported lower enrollments last year: 157 fewer students were studying there, a drop of 16.2%. Washington also experienced a significant decline of 15.0%, a loss of 230 students. California, further, reported lower enrollments than in 1989/90: 1,082 fewer students, a drop of 13.6%. However, this drop is a reflection of non-response by a few institutions with large IELP enrollments in the past, rather than an actual decrease in the numbers of IELP students.

TABLE 10.8

IELP Students by Immigration (Visa) Type, Fall 1989/90-1990/91

Visa Type	1989/90		1990/91	
	Foreign IELP Students	% of Total	Foreign IELP Students	% of Total
F Visa	27,585	78.7	27,989	80.6
J Visa	1,223	3.5	1,017	2.9
M Visa	22	0.1	23	0.1
Other Visa	3,518	10.0	4,161	12.0
Refugee	2,688	7.7	1,513	4.4
TOTAL	**35,036**	**100.0**	**34,703**	**100.0**

World Region and Country or Other Place of Origin. Table 10.5 shows that nearly two-thirds of the IELP students (62.6%) were from Asia. The Asians' share of IELP students is greater than their share of the entire foreign student population (56.4%). Also over-represented in IELP programs were Latin Americans (17.3%), while Africans (1.9%) and, more understandably, North Americans (0.1%) and Oceanians (0.7%) were under-represented. The proportion of Middle Easterners attending IELP's (7.8%) is only slightly lower than their proportion among all international students.

The countries and other places that sent the largest number of IELP students in 1989/90, presented in **Table 10.6**, differed significantly from the leading countries of origin reported in the Annual Census (**Table 2.5**). Hong Kong, a commonwealth member, is not represented among IELP enrollments, since English is a language of instruction at home. In contrast, some non-English speaking countries like Japan, the Republic of Korea, China, and Taiwan sent relatively large numbers of both IELP students and foreign students overall.

As **Table 10.7** indicates, six of the ten leading countries of origin of IELP students are in Asia, three are in Latin America, and one is in the Middle East. Although its numbers declined in the past year, by far the country with the most IELP students in the United States was Japan, with 10,545 students, 1,154 fewer than in 1989/90. The Republic of Korea was second, with 4,011 students, 1,378 more than in the previous year. Other countries or other places with relatively large numbers of IELP students were Taiwan, with 2,470; Mexico, with 1,536; and China, with 1,254.

Of the national groups with many students in IELP's, enrollments of students from Taiwan grew the most last year, up by 80.4%. Among groups with relatively small IELP enrollments, the Cuban population expanded the most, increasing by 136%. Soviet numbers rose 60.7%, and Polish by 58.2%. The largest decline occurred among the Japanese population, down 9.9%, with 1,154 students fewer than in the previous year. It should be noted that the decline in Japanese IELP enrollments parallels the decline of IELP enrollments in California and may be explained by the non-response to the survey by a few California IELP programs with large Japanese populations. Mexican enrollments also fell by 15.1%, a loss of 274 students, as did Spanish enrollments (18.8% or 136 fewer students) and Guatemalan enrollments (44.0% or 96 fewer students).

Personal Characteristics of IELP Students. Data on the gender distribution of students in IELP's, illustrated in **Figure 10.B**, reveal that nearly half of the students in intensive language programs, 46.2%, were female, slightly up from 45.6% in 1989/90. The women's share of students in these programs is much higher than their share of all foreign students in this country (36.0%).

Table 10.8 shows the visa type of IELP students. The overwhelming majority (80.6%) were holding F visas in 1990/9; this proportion is identical to the proportion of all foreign students with F visas (see **Table 4.7**). Students with "other" visas made up the second largest group of IELP students, accounting for 12% of them, a proportion twice as high as among all students. Refugees also made up a larger proportion of IELP students than of foreign students generally. However, very few students in intensive language programs had J visas compared to all international students (2.9% and 11%, respectively)

Over the past year, there was a slight increase in the number of IELP students on F visas; the number rose from 27,585 to 27,989, an increase of 404 students or 1.5%. On the other hand, the number and proportion of students who were refugees decreased by 1,175 or 3.3%. Definitions of the F, J, H, and M visas appear in the front of this publication. Beginning in 1991/92, refugees will not be included in the IELP survey.

Part V: STUDY ABROAD

INTRODUCTION

While the United States plays a key role in international educational exchange as the leading receiver country of international students worldwide, it is also becoming an important sender nation as increasingly greater numbers of American students pursue education abroad. Before 1986/87 no effective data collection strategy had been developed to capture the full picture of study abroad by American students. In the late sixties and early seventies IIE surveyed foreign institutions of higher education directly requesting information on numbers of American students enrolled there. Due to the difficulties inherent in this methodology, the response rate was very low and this survey was abandoned.

In the late seventies and early eighties IIE made another attempt to collect information on American students studying abroad. Under this methodology, the data were obtained from directors of university-sponsored study abroad programs. Although the data collected during these years were superior to those from the older survey, they could not give an accurate picture of study abroad, because they captured only those enrolled in programs organized by colleges and universities in the United States. This, combined with a steady decline in the response rate, led to the decision to discontinue the publication of these data in 1984/85.

The only other source of information on student mobility from the United States to other countries was the Unesco *Statistical Yearbook*. This, however, reports only on students enrolled in degree programs and, thus, does not include students in summer or semester programs, a large component of the overseas U.S. student population.

TABLE 11.0

Study Abroad Survey: Response Rates, 1987/88-1989/90

Responses	1987/88	1989/90
Institutions		
Surveyed	2,904	1,164
Responding	1,703	905
With No Study Abroad Students	899	190
With Study Abroad Students	804	715
Students Reported	**62,341**	**70,727**

TABLE 11.1

Response Rate to Individual Variables, Study Abroad Survey, 1987/88-1989/90

	1987/88		1989/90	
Category	**Number**	**Percent**	**Number**	**Percent**
Host Country	51,969	83.4	60,549	85.6
Field of Study	36,501	58.5	41,031	58.0
Academic Level	42,041	67.4	50,014	70.7
Gender	41,111	66.0	48,967	69.2
Duration of Study	49,938	80.1	61,001	86.2
Total Responses	**62,341**	—	**70,727**	—

In 1985/86, in response to considerable and growing interest in U.S. higher education circles in the magnitude of study abroad activities by American students, IIE undertook a new survey of study abroad flows. The survey has been conducted biennially since then, with the 89/90 survey being the third in the series. The current survey methodology offers the most comprehensive data on a major sector of the study abroad population, and the first comparative data for determining patterns in the evolution of study abroad.

While there are a large range of "overseas opportunities" in which American college students participate (study/travel tours, internships, practical training, etc.), the study abroad survey conducted by IIE focuses specifically on study abroad for academic credit. It is intended to serve those who are involved in the planning of efficient use of university and college resources, those who design undergraduate curricula and overseas programs, and those who need to know how many and which kinds of students are presently, and in the likely future, obtaining a significant portion of their education at an institution in a foreign country.

The study abroad population in this survey has been narrowly defined as only those students who received academic credit from a U.S. accredited institution of higher education after they returned from their study abroad study experience. It is not a survey of study abroad programs to determine the numbers of students enrolled in them and to obtain other information about them. (IIE's *Academic Year Abroad* and *Vacation Study Abroad* provide detailed information on study programs worldwide for U.S. students). The number of students who receive academic credit is inevitably lower than the

TABLE 11.2

Program Type of U.S. Study Abroad Students, 1987/88-1989/90

Program Type	% of Study Abroad Students	
	1987/88	1989/90
Sponsored by U.S. Institution	84.9	82.1
Direct Enrollment in Foreign Institution	11.6	10.3
Other	3.5	7.6

TABLE 11.3

Host Region of U.S. Study Abroad Students, 1987/88-1989/90

Host Region	% of Study Abroad Students	
	1987/88	1989/90
Africa	1.2	1.3
Asia	6.1	5.0
Europe	75.4	76.7
Latin America	9.2	9.4
Middle East	4.7	2.7
North America	1.4	0.8
Oceania	1.2	1.9
Multiple Regions	0.8	2.2

number of all students who go abroad. The figures presented here, therefore, give a conservative picture of study abroad activity.

THE 1989/90 SURVEY

Survey forms were sent to 1,164 accredited institutions of higher education. This number is much smaller than the number of schools surveyed in the past, because two years' experience had proved that the original lists included many which had no study abroad students. Therefore, IIE staff, in consultation with the International Education Data Collection Committee (IEDC) and with administrators with expertise in the field of study abroad, eliminated a large number of schools from the mailing list, keeping only those known to have study abroad students. Periodically, we will survey all schools to see if others should be added to the survey mailing list.

Survey forms were sent to accredited institutions of higher education which had reported granting credit to students for overseas study in either of the two previous surveys, or were known to have a study abroad program through a listing of study abroad coordinators maintained by IIE for its series of publications on study abroad programs. The surveys were addressed either to contacts established with the 1987/88 survey, or to contacts used for other IIE study abroad related publications.

We were able to obtain information from 905 or 78% of the 1,164 institutions to whom we sent the surveys, as shown in **Table 11.0**. Of the responding institutions, 715 reported having given credit for study abroad, while 190 reported having no study abroad activity for that year. With 80% of the respondents reporting study abroad enrollments, this mailing list includes most, if not all, of the right institutions, and is periodically reviewed by the IEDC. **(A list of the institutions which responded to the survey along with their study abroad totals appear in Appendix C.1.).**

Not all institutions that reported having given credit for study abroad in 1989/90 provided detailed information about the characteristics of the students, as shown in **Table 11.1**. The proportion of schools that gave breakdowns for individual variables ranged from 58% for field of study to 86% for duration of study.

OVERALL FINDINGS

The survey data, presented in **Table 11.0**, show that a total of 70,727 students received academic credit for study in another country in 1989/90, 8,386 more than the 62,341 reported in 1987/88. This represents a large increase of 13.4%.

Of the 70,727 students who received credit for studying abroad in 1989/90, 82.1% were enrolled in programs sponsored by U.S. institutions of higher education and

TABLE 11.4

Leading Host Countries of U.S. Study Abroad Students, 1987/88-1989/90

Host Country	% of Study Abroad Students	
	1987/88	1989/90
United Kingdom	28.5	27.0
France	12.0	12.8
Spain	7.9	10.4
Italy	7.7	8.4
Mexico	5.3	5.0
Germany	5.0	4.7
Austria	3.1	3.0
Israel	3.5	2.6
Japan	2.2	2.1
U.S.S.R.	1.3	1.9
Australia	1.0	1.6
Switzerland	1.0	1.6
Costa Rica	0.8	1.5
Ireland	0.9	1.1
Greece	0.6	1.0

TABLE 11.5

Field of Study of U.S. Study Abroad Students, 1987/88-1989/90		
	% of Study Abroad Students	
Field of Study	1987/88	1989/90
Agriculture	0.8	0.4
Business and Management	11.1	10.9
Education	4.1	4.6
Engineering	1.4	1.3
Fine and Applied Arts	6.4	6.1
Foreign Language	14.8	12.5
Health Sciences	1.4	1.1
Humanities	11.0	11.9
Liberal Arts	20.9	19.9
Math & Computer Science	1.2	0.8
Physical & Life Sciences	2.5	3.7
Social Sciences	14.0	16.6
Undeclared	3.8	3.4
Other	6.8	6.8

10.3% were directly enrolled in foreign schools (**Table 11.2**). An additional 7.6% were in "other" types of programs, mainly programs run by consortia of colleges and universities in which credit is awarded by the consortium rather than by any one institution. When compared to tends in 1987/88, in 1989/90 slightly lower proportions of students were either participating in U.S. institution-sponsored programs or directly enrolled in foreign institutions and higher proportions were going abroad through "other" types of programs.

GEOGRAPHIC DESTINATION

Europe was by far the destination of the greatest majority of American students going abroad in 1989/90, over three-quarters (76.7%) of them choosing to study there (**Table 11.3**). Lagging far behind Europe was Latin America, which hosted 9.4% of Americans studying abroad, a proportion similar to that in 1987/88. Asia, which attracted 6.1% of the students in 1989/90, was the destination of only 5.0% in 1989/90, mainly due to the decline in the numbers of American students going to China in the aftermath of the Tiananmen events. The Middle East—primarily Israel—received 2.7%, compared to 4.7% the last time the survey was conducted, and Africa attracted 1.3% compared to 1.2%.

COUNTRIES OF DESTINATION

Because of the concentration of foreign students in one region, namely Europe, it is most useful to examine the countries of destination of American students in a world-wide context, rather than by individual world regions. All of the top four receiving countries and six of the top ten were in Western Europe, one was in Asia, one in the Middle East, and one each in Latin America and Eastern Europe. The ten countries with the largest numbers of U.S. students studying abroad hosted close to eight out of ten of them (77.9%). The top four (again, all in Western Europe) accounted for over half (58.6%) of all the U.S. students studying overseas.

The United Kingdom hosted a full 27% of all the students, followed by France with 12.8%. The next eight countries were Spain (10.4%), Italy (8.4%), Mexico (5.0%), Germany (4.7%), Austria (3.0%), Israel (2.6%), Japan (2.1%), and the U.S.S.R. (1.9%).

It is interesting to note that China, which in 1987/88 was the tenth most popular country of destination with 1.7% of the study abroad students, now ranks sixteenth, with only 0.8%. This is the result of a sharp drop in the numbers of students going to China in the Fall, Spring, and Summer following the events in Tiananmen Square in June of 1989. It is also interesting to note that, in some regions, a single country received a substantial portion of the students going to the region. The U.S.S.R., for example, hosted 68% of the students going to Eastern Europe. Similarly, Mexico held 52.6% of the United States students studying in Latin America and Israel received 95% of the students going to the Middle East.

In other parts of the world, the student patterns are as follows: In Africa, Kenya was the largest receiver with 0.6% of the overall study abroad total. In North America, Canada had 0.8% of all students, and finally in Oceania, Australia was the regional leader, with 1.6%. (Since many students studied in more than one country within a region, the country percentages add up to more than 100%. Percentage calculations are further complicated by the fact that for close to 1% of the students going to Europe no country of destination was specified).

TABLE 11.6

Academic Level of U.S. Study Abroad Students, 1987/88-1989/90		
	% of Study Abroad Students	
Academic Level	1987/88	1989/90
Associate	**5.9**	**4.1**
Bachelor's	**88.4**	**87.2**
Freshman	4.3	2.2
Sophomore	12.2	9.9
Junior	38.7	36.5
Senior	15.5	12.7
Unspecified	17.6	26.0
Graduate	**5.7**	**8.7**

TABLE 11.7

Duration of Stay of U.S. Study Abroad Students, 1987/88-1989/90

Duration	% of Study Abroad Students	
	1987/88	1989/90
Quarter	7.3	6.4
Semester	35.0	35.2
Summer	32.4	33.9
Academic Year	17.5	15.9
Calendar Year	0.4	0.7
Other	7.4	7.9

TABLE 11.8

Gender of U.S. Study Abroad Students, 1987/88-1989/90

Duration	% of Study Abroad Students	
	1987/88	1989/90
Male	35.5	35.0
Female	64.5	65.0

FIELD OF STUDY

The data in **Table 11.5** indicate that, judging by their major fields of concentration, Americans who go abroad to study do so for very different reasons than students from other countries who come to study in the United States. In contrast to foreign students studying in this country, American students who went overseas had home campus majors largely in the humanities and social sciences with relatively few in engineering and in hard science fields. The largest group of students who went abroad to study, 19.9%, were majoring in liberal arts, slightly down from 20.9% in 1987/88. Students majoring in the social sciences constituted the second largest group, accounting for 16.6% of the study abroad population, up from 14.0% in the previous survey year. While a total of 28.5% of American students going abroad were in the humanities and social sciences, the proportion of foreign students in the United States who were in these fields was a very low 11.5%.

Relatively large shares (more than 10%) of all study abroad students were held by those studying foreign languages (12.5%), humanities (11.9%), and, interestingly, business and management (10.9%). Only 5.8% of Americans abroad were engineering, physical and life sciences, and math and computer science majors combined. The corresponding figure for foreign students in the United States is 35.7%.

ACADEMIC LEVEL

This is the second time information on the academic level of study abroad students was obtained. The institutions responding, as can be seen in **Table 11.1**, provided academic level information on 50,014 or 70.7% of the study abroad population, and indicated what portions of those students were at the associate, bachelor (broken down by freshman, sophomore, junior and senior), or graduate level. The proportions of study abroad students at the various levels are presented in **Table 11.6**.

Not surprisingly, 91.3% of the study abroad population were at the undergraduate (bachelor and associate) level. Of these, 87.2% were studying for a bachelor's and 4.1% for an associate degree. Of the students at the bachelor's level, the largest group (36.5%) were juniors, followed by seniors who made up 12.7%. Sophomores accounted for 9.9% and freshmen for 2.2%. For a large proportion (26%) of the bachelor's degree candidates, specific year of study was not provided.

Only 8.7% of the Americans who went abroad to study were graduate students (up from 5.7% in 1987/88). This contrasts sharply with the foreign national studying in the United States, 44.7% of whom are at the graduate level, constituting the largest academic-level based subgroup of the entire foreign student population.

DURATION OF STUDY

Over a third (35.2%) of all study abroad students receiving academic credit spent one semester abroad, as **Table 11.7** shows. Another third (33.9%) went abroad only for the summer, while 15.9% spent the entire academic year in the receiving country. A rather small group (6.4%) stayed for a single academic quarter overseas and a scant 0.7% spent a full calendar year. Compared to figures for 1987/88, a smaller proportion of students spent an academic year abroad, while a slightly greater share received credit for summer study abroad.

GENDER

The gender distribution of the American students abroad was almost exactly the opposite of the profile of foreign students studying in the United States, as indicated in **Table 11.8**. Just over a third of the study abroad students were male (35.0%), while a corresponding two-thirds were female (65.0%). The gender breakdown for foreign students in the United States is 64.0% male and 36.0% female. Little change occurred in the gender distribution between the survey years.

Part VI: COST-OF-LIVING EXPENDITURES BY FOREIGN STUDENTS IN THE U.S.

Presented here are estimated cost-of-living expenditures by foreign students in the United States based on information from two sources: 1) the number of foreign students reported for 1990/91 in the Annual Census, and 2) the recommended Monthly Maintenance Rates (MMRs) for 1991/92 calculated by IIE for use by the Fulbright scholarship program.

The MMRs are based on Bureau of Labor Statistics estimates of intermediate-level family budgets and comparative indices of prices in selected urban areas, with adjustments to reflect inflation and special foreign student needs. Since living costs vary in different regions of the United States and between urban and nonmetropolitan areas, IIE has located each institution within its appropriate geographical area, thereby providing it with a specific MMR. It should be noted that the MMR includes living costs only; it does not include expenditures for tuition, fees, books, insurance, special equipment, travel, or dependents.

Table 12.0 estimates the cost-of-living expenditures by foreign students in each state. This is done by multiplying the MMR by nine (representing a nine-month academic year), and then by the number of foreign students reported by each institution in each state. The estimated expenditures for each institution in a state are then totaled to arrive at a state figure. MMRs vary from region to region, but the average MMR for 1991/92 is $840. **Table 12.1** provides similar estimated expenditures for selected metropolitan areas using the specific MMR for that region. **Figure 12.A** illustrates the estimated expenditures by foreign students in the ten states with the highest expenditure figures.

12.A
States with the Highest Estimated Foreign Student Cost-of-Living Expenditures, 1990/91

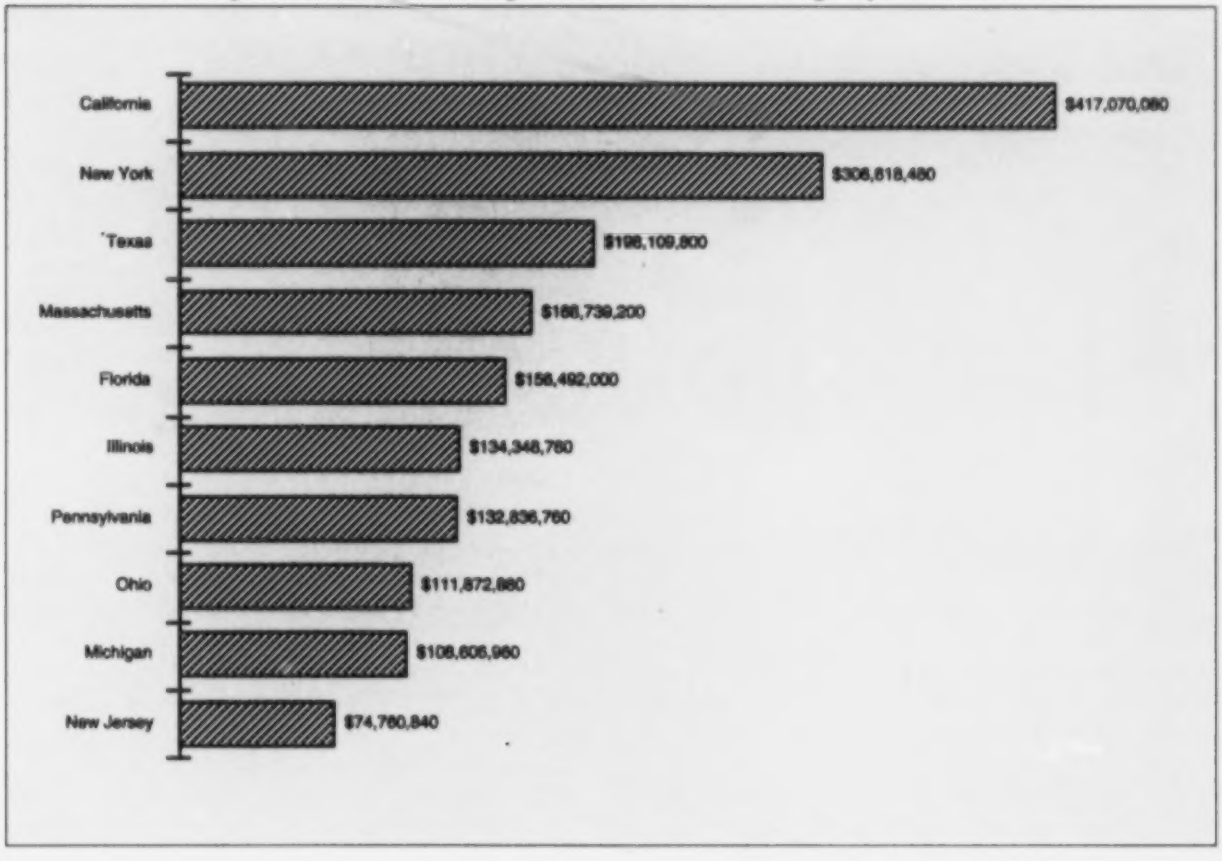


TABLE 12.0

Estimated Academic Year Cost-of-Living Expenditures by State, 1991/92

State	Institutions Reporting	Foreign Students	Estimated Expenditures[1]
Alabama	52	4,806	$36,333,360
Alaska	8	373	$2,819,880
Arizona	24	6,824	$51,589,440
Arkansas	22	1,708	$12,912,480
California	250	55,168	$417,070,080
Colorado	38	5,287	$39,969,720
Connecticut	39	4,979	$37,641,240
Delaware	7	1,067	$8,066,520
District of Columbia	17	9,709	$73,400,040
Florida	65	20,700	$156,492,000
Georgia	71	6,319	$47,771,640
Hawaii	11	4,770	$36,061,200
Idaho	9	1,225	$9,261,000
Illinois	120	17,771	$134,348,760
Indiana	55	8,061	$60,941,160
Iowa	51	7,079	$53,517,240
Kansas	46	6,335	$47,892,600
Kentucky	39	2,705	$20,449,800
Louisiana	27	5,040	$38,102,400
Maine	25	1,047	$7,915,320
Maryland	47	7,865	$59,459,400
Massachusetts	96	22,320	$168,739,200
Michigan	74	14,366	$108,606,960
Minnesota	54	5,882	$44,467,920
Mississippi	26	2,094	$15,830,640
Missouri	66	7,349	$55,558,440
Montana	13	774	$5,851,440
Nebraska	25	2,232	$16,873,920
Nevada	7	964	$7,287,840
New Hampshire	19	1,323	$10,001,880
New Jersey	53	9,889	$74,760,840
New Mexico	17	1,460	$11,037,600
New York	181	40,558	$306,618,480
North Carolina	77	5,911	$44,687,160
North Dakota	13	1,352	$10,221,120
Ohio	93	14,798	$111,872,880
Oklahoma	36	6,297	$47,605,320
Oregon	41	6,192	$46,811,520
Pennsylvania	125	17,571	$132,836,760
Rhode Island	10	1,883	$14,235,480
South Carolina	42	2,620	$19,807,200
South Dakota	14	776	$5,866,560
Tennessee	54	4,317	$32,636,520
Texas	142	26,205	$198,109,800
Utah	12	5,040	$38,102,400
Vermont	20	847	$6,403,320
Virginia	63	7,487	$56,601,720
Washington	47	7,625	$57,645,000
West Virginia	21	1,653	$12,496,680
Wisconsin	45	6,881	$52,020,360
Wyoming	8	549	$4,150,440
Guam	2	558	$4,218,480
Puerto Rico	23	700	$5,292,000
Virgin Islands	1	218	$1,648,080
TOTAL	2,543	407,529	$3,080,919,240

[1] *Estimated expenditures are based on the number of foreign students reported in academic year 1990/91 multiplied by the average suggested monthly maintenance rate for the academic year 1991/92 ($840), multiplied by nine months.*

TABLE 12.1

Estimated Academic Year Cost-of-Living Expenditures of Foreign Students in Selected Metropolitan Areas, 1991/92

Metropolitan Area	Institutions Reporting Foreign Students	Foreign Students 1990/91	Monthly $ Rate 1991/92	Estimated Expenditures[1]
Northeast				
Boston-Lawrence-Salem, MA-NH	63	18,531	$965	$160,941,735
Buffalo-Niagara Falls, NY	12	3,214	$790	$22,851,540
Hartford-New Britain-Middletown, CT	15	2,195	$920	$18,174,600
Lancaster, PA	5	189	$850	$1,445,850
New York City-Northern NJ-LI, NY-NJ-CT	137	35,869	$965	$311,522,265
Philadelphia-Wilmington-Trenton, PA-DE-NJ-MD	62	11,124	$860	$86,099,760
Pittsburgh-Beaver Valley, PA	19	3,227	$770	$22,363,110
Portland, ME	6	148	$890	$1,185,480
Scranton-Wilkes-Barre,PA	11	398	$860	$3,080,520
North Central				
Cedar Rapids, IA	4	342	$780	$2,400,840
Champaign-Urbana-Rantoul, IL	2	3,013	$850	$23,049,450
Chicago-Gary-Lake City, IL-IN-WI	77	9,169	$880	$72,618,480
Cincinnati-Hamilton, OH-KY-IN	11	1,790	$770	$12,404,700
Cleveland-Akron-Lorain, OH	20	4,111	$800	$29,599,200
Dayton-Springfield, OH	12	869	$765	$5,983,065
Detroit-Ann Arbor, MI	27	6,840	$770	$47,401,200
Green Bay, WI	2	85	$755	$577,575
Indianapolis-Anderson, IN	8	516	$787	$3,654,828
Kansas City, MO-KS	22	1,329	$795	$9,508,995
Milwaukee-Racine, WI	13	1,324	$790	$9,413,640
Minneapolis-St. Paul MN-WI	23	3,630	$820	$26,789,400
St East St. Louis-Alton, MO-IL	28	2,890	$805	$20,938,050
Wichita, KS	4	1,420	$810	$10,351,800
South				
Atlanta, GA	26	3,739	$810	$27,257,310
Austin, TX	9	4,681	$785	$33,071,265
Baltimore, MD	26	2,865	$855	$22,046,175
Baton Rouge, LA	2	1,761	$795	$12,599,955
Dallas-Fort Worth, TX	26	5,681	$790	$40,391,910
Raleigh-Durham, NC	13	3,400	$815	$24,939,000
Houston-Galveston-Brazoria, TX	22	6,844	$775	$47,736,900
Nashville, TN	10	1,184	$785	$8,364,960
Orlando, FL	4	1,010	$790	$7,181,100
Washington, DC-MD-VA	34	17,312	$970	$151,133,760
Miami-Fort Lauderdale, FL	11	10,740	$820	$79,261,200
West				
Bakersfield, CA	4	205	$850	$1,568,250
Denver-Boulder, CO	16	3,386	$755	$23,007,870
Los Angeles-Anaheim-Riverside, CA	100	28,048	$955	$241,072,560
San Diego, CA	18	4,509	$930	$37,740,330
San Francisco-Oakland-San Jose, CA	79	14,848	$1,020	$136,304,640
Seattle-Tacoma, WA	20	4,546	$880	$36,004,320
Honolulu, HI	11	4,770	$1,080	$46,364,400
Portland-Vancouver, OR-WA	22	2,362	$860	$18,281,880
Anchorage, AK	8	373	$1,045	$3,508,065

[1] *Estimated expenditures are based on the number of foreign students reported in academic year 1990/91 multiplied by the metropolitan area's suggested monthly maintenance rate for the academic year 1991/92, multiplied by nine months.*

APPENDIX A. ANNUAL CENSUS OF FOREIGN STUDENTS IN THE UNITED STATES

A.1 FOREIGN STUDENT ENROLLMENT BY INSTITUTION

NRC	INSTITUTION	CITY	1989/90 TOTAL	1990/91 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
	ALABAMA						
63400	ALABAMA A & M UNIV	NORMAL	318	370 E	16.4	Y	Y
63403A	ALABAMA AT BIRMINGHAM, U	BIRMINGHAM	525	593	13.0	Y	Y
63403C	ALABAMA AT HUNTSVILLE, U	HUNTSVILLE	248	289	16.5	Y	Y
63459	ALABAMA AVIATION & TECH C	OZARK	5	3	40.0-	Y	Y
63402	ALABAMA STATE UNIV	MONTGOMERY	28 E	24	14.3-	Y	Y
63403	ALABAMA, UNIV OF	TUSCALOOSA	842	822	2.4-	Y	Y
63406	ATHENS STATE COLL	ATHENS	1	4	300.0	Y	Y
63407A	AUBURN U AT MONTGOMERY	MONTGOMERY	27 L	50 E	85.2	Y	N
63407	AUBURN U MAIN CAMPUS	AUBURN UNIV	701	685	2.3-	Y	Y
63460	BESSEMER STATE TECH COLL	BESSEMER	0	0		Y	N
63408	BIRMINGHAM SOUTHERN COLL	BIRMINGHAM	11	13	18.2	Y	Y
63428	BISHOP STATE CMTY COLL	MOBILE	15 L	21	40.0	Y	Y
63404	BREWER STATE JR COLL	FAYETTE	0	0		Y	N
63405	CENTRAL ALABAMA CMTY COLL	ALEXANDER CITY	6	7	16.7	Y	Y
63452	CHATTAHOOCHEE VALLEY CC	PHENIX CITY	12	12 E	0.0	Y	N
63451	CONCORDIA COLL	SELMA	0	N		N	N
63461	DOUGLAS MACARTHUR ST TECH	OPP	0	N		N	N
63411	ENTERPRISE STATE JR COLL	ENTERPRISE	1	2	100.0	Y	Y
63417	FAULKNER STATE JR COLL	BAY MINETTE	6	5	16.7-	Y	N
63401	FAULKNER UNIV	MONTGOMERY	36 L	5	86.1-	Y	Y
63414	G WALLACE STATE CC DOTHAN	DOTHAN	7	7	0.0	Y	Y
63453	G WALLACE STATE CC HANCVL	HANCEVILLE	1	3	200.0	Y	Y
63450	G WALLACE STATE CC SELMA	SELMA	0	0		Y	N
63413	GADSDEN STATE CMTY COLL	GADSDEN	327	332	1.5	Y	Y
63462	HARRY M AYERS STATE TECH	ANNISTON	0	N		N	N
63463	HOBSON STATE TECH COLL	THOMASVILLE	0	0		Y	N
63415	HUNTINGDON COLL	MONTGOMERY	20	20	0.0	Y	N
63464	J F DRAKE ST TECH COLL	HUNTSVILLE	9 E	7	22.2-	Y	Y
63416	JACKSONVILLE STATE UNIV	JACKSONVILLE	126	124	1.6-	Y	Y
63418	JEFFERSON DAVIS STATE JC	BREWTON	3	3	0.0	Y	Y
63419	JEFFERSON STATE JR COLL	BIRMINGHAM	53	57	7.5	Y	N
63420	JOHN C CALHOUN STATE CC	DECATUR	10	14	40.0	Y	Y
63465	JOHN M PATTERSON ST TECH	MONTGOMERY	0	1	**	Y	Y
63422	JUDSON COLL	MARION	8	1	87.5-	Y	Y
63443	LAWSON STATE CMTY COLL	BIRMINGHAM	1	1	0.0	Y	Y
63423	LIVINGSTON UNIV	LIVINGSTON	19	29	52.6	Y	Y
63424	LURLEEN B WALLACE ST JC	ANDALUSIA	21 E	13	38.1-	Y	Y
63425	MARION MILITARY INST	MARION	0	N		N	N
63426	MILES COLL	BIRMINGHAM	0	N		N	N
63427	MOBILE COLL	MOBILE	20	29	45.0	Y	Y
63429	MONTEVALLO, UNIV OF	MONTEVALLO	32	17	46.9-	Y	Y
63412	NORTH ALABAMA, UNIV OF	FLORENCE	20	30	50.0	Y	Y
63430	NTHEST ALABAMA ST JR COLL	RAINSVILLE	2	4	100.0	Y	Y
63431	NTHWST ALABAMA CMTY COLL	PHIL CAMPBELL	2	1	50.0-	Y	Y
63432	OAKWOOD COLL	HUNTSVILLE	116	131	12.9	Y	Y
63433	PATRICK HENRY STATE JC	MONROEVILLE	0	0		Y	N
63469	REID STATE TECH COLL	EVERGREEN	0	0		Y	N
63435	SAMFORD UNIV	BIRMINGHAM	27	41	51.9	Y	N
63457	SHELTON STATE CMTY COLL	TUSCALOOSA	6	103	616.7	Y	Y
63466	SHOALS CMTY COLL	MUSCLE SHOALS	1	1	0.0	Y	Y
63437	SOUTH ALABAMA, UNIV OF	MOBILE	574	667	16.2	Y	Y
63454	SOUTHERN JR COLL	BIRMINGHAM	0	N		N	N
63439	SOUTHERN UNION ST JR COLL	WADLEY	5 E	8	60.0	Y	Y
63471	SPARKS STATE TECH COLL	EUFAULA	0	0		Y	N
63440	SPRING HILL COLL	MOBILE	23	32	39.1	Y	Y
63470	STHWST STATE TECH COLL	MOBILE	1	2	100.0	Y	Y
63441	STILLMAN COLL	TUSCALOOSA	17 L	10	41.2-	Y	Y
63442	TALLADEGA COLL	TALLADEGA	1	1	0.0	Y	Y
63472	TRENHOLM STATE TECH COLL	MONTGOMERY	2	3 E	50.0	Y	N
63444A	TROY STATE U AT DOTHAN	DOTHAN	9	8	11.1-	Y	Y
63444	TROY STATE U MAIN CAMPUS	TROY	43	45	4.7	Y	Y
63444B	TROY STATE U MONTGOMERY	MONTGOMERY	0	0		Y	N
63445	TUSKEGEE UNIV	TUSKEGEE INST	219	139	36.5-	Y	Y
63458	UNITED STATES SPORTS ACAD	DAPHNE	5	12	140.0	Y	Y

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED. N-NO REPLY. Z-NOT ACCREDITED BY REGIONAL ACCREDITING COMMISSIONS.
RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2. Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
63446	WALKER COLL	JASPER	1		1		0.0	Y	Y
63473	WALKER STATE TECH COLL	SUMITON	0		4		**	Y	Y
	TOTAL ALABAMA		4,513		4,806		6.5		
	ALASKA								
94401I	ALASKA ANCHORAGE, UNIV OF	ANCHORAGE	125	E	125		0.0	Y	Y
94401	ALASKA FAIRBANKS, UNIV OF	FAIRBANKS	184		184	E	0.0	Y	Y
94400	ALASKA PACIFIC UNIV	ANCHORAGE	40		45		12.5	Y	N
94401D	ALASKA SOUTHEAST, UNIV OF	SITKA	0			N		N	N
94401H	ALASKA SOUTHEAST, UNIV OF	JUNEAU	5		6		20.0	Y	Y
94401C	ALASKA STHEST-KETCHIKAN,U	KETCHIKAN	0			N		N	N
94401B	CHUKCHI COLL	KOTZEBUE	0		0			Y	N
94401E	KENAI PENINSULA CMTY COLL	SOLDOTNA	1		3		200.0	Y	Y
94401F	KODIAK CMTY COLL	KODIAK	0		0			Y	N
94401J	KUSKOKWIM CMTY COLL	BETHEL		N		N		N	N
94401G	MATNUSKA SUSTNA COLL	PALMER	1		3	E	200.0	Y	N
94401M	PRINCE WM SOUND CMTY COLL	VALDEZ	4		3		25.0-	Y	Y
94402	SHELDON JACKSON COLL	SITKA	4		4		0.0	Y	Y
	TOTAL ALASKA		364		373		2.5		
	ARIZONA								
86425	AMERICN GRAD SCH INTL MGT	GLENDALE	393		476		21.1	Y	Y
86407	AMERICN INDIAN BIBLE COLL	PHOENIX	1		1		0.0	Y	Y
86400	ARIZONA STATE UNIV	TEMPE	2,132		2,215		3.9	Y	Y
86402	ARIZONA WESTERN COLL	YUMA	6	E	9		50.0	Y	Y
86401	ARIZONA, UNIV OF	TUCSON	2,253		1,997		11.4-	Y	Y
86403	CENTRAL ARIZONA COLL	COOLIDGE	14		8	E	42.9-	Y	Y
86404	COCHISE COLL	DOUGLAS	52	E	52		0.0	Y	Y
86430	DEVRY INST OF TECHNOLOGY	PHOENIX	36	L	55		52.8	Y	Y
86405	EASTERN ARIZONA COLL	THATCHER	10		18		80.0	Y	Y
86410B	GATEWAY CMTY COLL	PHOENIX	15		18		20.0	Y	Y
86410A	GLENDALE CMTY COLL	GLENDALE	121		158		30.6	Y	Y
86406	GRAND CANYON UNIV	PHOENIX	32		34		6.3	Y	Y
86410C	MESA CMTY COLL	MESA	203		260		28.1	Y	Y
86427	MOHAVE CMTY COLL	KINGMAN	3		4		33.3	Y	Y
86420	NAVAJO CMTY COLL	TSAILE	1		1	E	0.0	Y	Y
86421	NORTHERN ARIZONA UNIV	FLAGSTAFF	444		384	E	13.5-	Y	Y
86428	NORTHLAND PIONEER COLL	HOLBROOK	0		0			Y	N
86436	OTTAWA UNIV-PHOENIX CTR	PHOENIX	1		0		100.0-	Y	N
86410D	PHOENIX COLL	PHOENIX	3		79		533.3	Y	Y
86434	PHOENIX, UNIV OF	PHOENIX	0		0			Y	N
86422	PIMA CMTY COLL	TUCSON	670		664		0.9-	Y	Y
86432	PRESCOTT COLL	PRESCOTT	3		3		0.0	Y	Y
86410F	RIO SALADO COLL	PHOENIX	20	E	24		20.0	Y	Y
86410E	SCOTTSDALE CMTY COLL	SCOTTSDALE	80		100		25.0	Y	Y
86410G	SOUTH MOUNTAIN CMTY COLL	PHOENIX	6		10		66.7	Y	Y
86435	WESTERN INTL UNIV	PHOENIX	222		226	E	1.8	Y	Y
86426	YAVAPAI COLL	PRESCOTT	42		28		33.3-	Y	Y
	TOTAL ARIZONA		6,763		6,824		0.9		
	ARKANSAS								
71401	ARKANSAS BAPTIST COLL	LITTLE ROCK	0		0			Y	N
71402	ARKANSAS COLL	BATESVILLE	2		2		0.0	Y	Y
71406B	ARKANSAS LITTLE ROCK,U OF	LITTLE ROCK	270		291		7.8	Y	N
71406	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	584		587		0.5	Y	Y
71406A	ARKANSAS MEDL SCIENCES, U	LITTLE ROCK	11		26		136.4	Y	Y
71406C	ARKANSAS MONTICELLO, U OF	MONTICELLO	4		2		50.0-	Y	Y
71406D	ARKANSAS PINE BLUFF, U OF	PINE BLUFF	7		3		57.1-	Y	Y
71405A	ARKANSAS STATE U BEEBE BR	BEEBE	3		3		0.0	Y	Y
71405	ARKANSAS STATE U MAIN CAM	STATE UNIVERSTY	290		282		2.8-	Y	Y
71403	ARKANSAS TECH UNIV	RUSSELLVILLE	10		8		20.0-	Y	Y

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED.
N-NO REPLY. I-NOT ACCREDITED BY REGIONAL ACCREDITING COMMISSIONS.
RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2.
Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
71404	CENTRAL ARKANSAS, UNIV OF	CONWAY	60		46		23.3-	Y	Y
71425	EAST ARKANSAS CMTY COLL	FORREST CITY	0		0			Y	N
71421	GARLAND COUNTY CMTY COLL	HOT SPRINGS	0		2		**	Y	Y
71408	HARDING UNIV	SEARCY	138		116		15.9-	Y	Y
71409	HENDERSON STATE UNIV	ARKADELPHIA	11		13		18.2	Y	Y
71410	HENDRIX COLL	CONWAY	12		19		58.3	Y	Y
71411	JOHN BROWN UNIV	SILOAM SPRINGS	91		91		0.0	Y	Y
71422	MISSISSIPPI CO CMTY COLL	BLYTHEVILLE	2		1		50.0-	Y	Y
71426	NORTH ARKANSAS CMTY COLL	HARRISON	2		0		100.0-	Y	N
71413	OUACHITA BAPTIST UNIV	ARKADELPHIA	22		29		31.8	Y	Y
71414	OZARKS, UNIV OF THE	CLARKSVILLE	107		99		7.5-	Y	Y
71415	PHILANDER SMITH COLL	LITTLE ROCK	0			N		N	N
71416	PHILLIPS COUNTY CMTY COL	HELENA	0		0			Y	N
71417	SHORTER COLL	N LITTLE ROCK	13	E	11		15.4-	Y	Y
71419A	STHN ARKANSAS U EL DORAD	EL DORADO	0		0			Y	N
71419	STHN ARKANSAS U MAIN CAM	MAGNOLIA	26		36		38.5	Y	Y
71424	STHN ARKANSAS U TECH BR	CAMDEN	0		0			Y	N
71420	WESTARK CMTY COLL	FORT SMITH	31		26		16.1-	Y	Y
71418	WILLIAMS BAPTIST COLL	WALNUT RIDGE	14		15		7.1	Y	Y
	TOTAL ARKANSAS		1,710		1,708		0.1-		
	CALIFORNIA								
93402	ACAD OF ART COLL	SAN FRANCISCO	336	E	408		21.4	Y	Y
93590A	ALAMEDA, COLL OF	ALAMEDA	40	L	46		15.0	Y	Y
93401	ALLAN HANCOCK COLL	SANTA MARIA	39		39		0.0	Y	N
93707	AMERICAN ACAD DRAMTC ARTS	PASADENA	15	E	36		140.0	Y	Y
93716	AMERICAN CONSERV THEATRE	SAN FRANCISCO	4		3		25.0-	Y	Y
93542A	AMERICAN RIVER COLL	SACRAMENTO	58		72		24.1	Y	Y
93406	ANTELOPE VALLEY COLL	LANCASTER	27	E	24		11.1-	Y	Y
93407	ARMSTRONG COLL	BERKELEY	230		175	E	23.9-	Y	N
93408	ART CENTER COLL OF DESIGN	PASADENA	203		165		18.7-	Y	Y
93410	AZUSA PACIFIC UNIV	AZUSA	314		344		9.6	Y	Y
93411	BAKERSFIELD COLL	BAKERSFIELD	52	L	45		13.5-	Y	Y
93412	BARSTOW COLL	BARSTOW	7	E	5		28.6-	Y	N
93413	BETHANY COLL	SANTA CRUZ	8		4		50.0-	Y	Y
93414	BIOLA UNIV	LA MIRADA	200	E	175	E	12.5-	Y	N
93695	BROOKS COLL	LONG BEACH	36		56		55.6	Y	N
93415	BROOKS INST SANTA BARBARA	SANTA BARBARA	95		103		8.4	Y	Y
93416	BUTTE COLL	OROVILLE	70	E	85	E	21.4	Y	N
93417	CABRILLO COLL	APTOS	100		79		21.0-	Y	Y
93419	CAL BAPTIST COLL	RIVERSIDE	75		102		36.0	Y	Y
93440	CAL BERKELEY, UNIV OF	BERKELEY	2,143		2,200		2.7	Y	Y
93421	CAL COLL ARTS & CRAFTS	OAKLAND	120		119		0.8-	Y	Y
93422	CAL COLL PODIATRIC MED	SAN FRANCISCO	16	L	19		18.8	Y	Y
93440A	CAL DAVIS, UNIV OF	DAVIS	1,167		1,215		4.1	Y	Y
93728	CAL FAMILY STUDY CTR	NORTH HOLLYWOOD	1		0		100.0-	Y	N
93700	CAL INST INTEGRAL STUDIES	SAN FRANCISCO	47		44		6.4-	Y	Y
93426	CAL INST OF ARTS	VALENCIA	79		80		1.3	Y	Y
93425	CAL INST OF TECHNOLOGY	PASADENA	475		472		0.6-	Y	Y
93440D	CAL IRVINE, UNIV OF	IRVINE	1,004		1,004		0.0	Y	Y
93440F	CAL LOS ANGELES, UNIV OF	LOS ANGELES	3,126		2,921		6.6-	Y	Y
93427	CAL LUTHERAN UNIV	THOUSAND OAKS	130	E	159		22.3	Y	Y
93428	CAL MARITIME ACAD	VALLEJO	8		10		25.0	Y	Y
93430B	CAL POLY ST U SAN LUIS OB	SAN LUIS OBISPO	119		111		6.7-	Y	Y
93440H	CAL RIVERSIDE, UNIV OF	RIVERSIDE	297		307		3.4	Y	Y
93440I	CAL SAN DIEGO, UNIV OF	LA JOLLA	1,210	E	1,224		1.2	Y	Y
93440L	CAL SAN FRANCISCO, U OF	SAN FRANCISCO	1,200	E	116		90.3-	Y	N
93440M	CAL SANTA BARBARA, U OF	SANTA BARBARA	570		634		11.2	Y	Y
93440N	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ	212		254		19.8	Y	N
93429B	CAL SCH PROF PSYCH	SAN DIEGO	8	E	8	E	0.0	Y	Y
93429A	CAL SCH PROF PSYCH BRKLEY	SAN FRANCISCO	33	E	10		69.7-	Y	Y
93429C	CAL SCH PROF PSYCH FRESNO	FRESNO	7		10		42.9	Y	Y
93429	CAL SCH PROF PSYCH L A	ALHAMBRA	17		13		23.5-	Y	Y
93430C	CAL STATE C BAKERSFIELD	BAKERSFIELD	142		143		0.7	Y	N
93430A	CAL STATE POLY U POMONA	POMONA	574		620		8.0	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
93430E	CAL STATE U CHICO	CHICO	502		550		9.6	Y	Y
93430D	CAL STATE U DOMINGUEZ HLS	CARSON	240		219		8.8-	Y	Y
93430F	CAL STATE U FRESNO	FRESNO	895		869		2.9-	Y	Y
93430G	CAL STATE U FULLERTON	FULLERTON	661		709		7.3	Y	Y
93430H	CAL STATE U HAYWARD	HAYWARD	299		299		0.0	Y	Y
93430I	CAL STATE U LONG BEACH	LONG BEACH	1,750	E	1,353		22.7-	Y	Y
93430J	CAL STATE U LOS ANGELES	LOS ANGELES	2,028		2,123		4.7	Y	Y
93430N	CAL STATE U NORTHRIDGE	NORTHRIDGE	564		587		4.1	Y	Y
93430K	CAL STATE U SACRAMENTO	SACRAMENTO	755		814		7.8	Y	Y
93430L	CAL STATE U SAN BERNRDINO	SAN BERNARDINO	263		318		20.9	Y	Y
93430Q	CAL STATE U STANISLAUS	TURLOCK	101		83		17.8-	Y	Y
93627A	CANADA COLL	REDWOOD CITY	229	E	228		0.4-	Y	Y
93450	CANYONS, COLL OF THE	VALENCIA	24		42		75.0	Y	Y
93453	CERRITOS CMTY COLL	NORWALK	136		150		10.3	Y	Y
93690	CERRO COSO CMTY COLL	RIDGECREST	4		3		25.0-	Y	Y
93454	CHABOT COLL	HAYWARD	135		169		25.2	Y	Y
93455	CHAFFEY COLL	RANCH CUCAMONGA	538		533		0.9-	Y	Y
93456	CHAPMAN COLL	ORANGE	301		280		7.0-	Y	Y
93709	CHRIST COLL IRVINE	IRVINE	45		57		26.7	Y	Y
93699	CHRISTIAN HERITAGE COLL	EL CAJON	6		11		83.3	Y	Y
93457	CHURCH DIV SCH OF PACIFIC	BERKELEY	3		3		0.0	Y	Y
93458	CITRUS COLL	GLENDORA	325		300	E	7.7-	Y	N
93459	CITY COLL SAN FRANCISCO	SAN FRANCISCO	446		415		7.0-	Y	Y
93470	CLAREMONT GRADUATE SCH	CLAREMONT	149		160		7.4	Y	Y
93470A	CLAREMONT MCKENNA COLL	CLAREMONT	30		31		3.3	Y	Y
93480	COGSWELL COLL	CUPERTINO	12		12		0.0	Y	Y
93481	COLUMBIA COLL	COLUMBIA	2			N		N	N
93482	COMPTON CMTY COLL	COMPTON	74		46		37.8-	Y	Y
93483A	CONTRA COSTA COLL	SAN PABLO	62		85		37.1	Y	Y
93542B	COSUMNES RIVER COLL	SACRAMENTO	18		29		61.1	Y	Y
93686	CRAFTON HILLS COLL	YUCAIPA	8		16		100.0	Y	Y
93484	CUESTA COLL	SAN LUIS OBISPO	66		62		6.1-	Y	Y
93724	CUYAMACA COLL	EL CAJON	16		13		18.8-	Y	Y
93485	CYPRESS COLL	CYPRESS	48		42		12.5-	Y	Y
93669	D-Q UNIV	DAVIS	0		1		**	Y	N
93492A	DE ANZA COLL	CUPERTINO	174		247		42.0	Y	Y
93730	DEEP SPRINGS COLL	VIA DYER NV	0		1		**	Y	Y
93488	DESERT, COLL OF THE	PALM DESERT	25		29		16.0	Y	Y
93703	DEVELOPMENTL STUDIES,COLL	WEST HOLLYWOOD	0		0			Y	N
93664	DEVRY INST OF TECHNOLOGY	INDUSTRY CITY	34		38		11.8	Y	Y
93483B	DIABLO VALLEY COLL	PLEASANT HILL	124		141		13.7	Y	Y
93489	DOMINICAN COLL SAN RAFAEL	SAN RAFAEL	45		39		13.3-	Y	Y
93610	DOMINICAN SCH PHIL & THEO	BERKELEY	10		6		40.0-	Y	Y
93684	DON BOSCO TECHNICAL INST	ROSEMEAD	0		0			Y	N
93530A	EAST LOS ANGELES COLL	MONTEREY PARK	591		743		25.7	Y	Y
93490	EL CAMINO COLL	TORRANCE	185		200	E	8.1	Y	N
93704	EVERGREEN VALLEY COLL	SAN JOSE	41		35		14.6-	Y	N
93710	FASHION INST DSGN MERCH	LOS ANGELES	230		254		10.4	Y	Y
93590B	FEATHER RIVER COLL	QUINCY	0		6	E	**	Y	Y
93711	FIELDING INST	SANTA BARBARA	23		40		73.9	Y	Y
93492B	FOOTHILL COLL	LOS ALTOS HILLS	180		200		11.1	Y	Y
93675	FRANCISCAN SCH THEOLOGY	BERKELEY	11		14		27.3	Y	Y
93647A	FRESNO CITY COLL	FRESNO	200		211		5.5	Y	N
93569	FRESNO PACIFIC COLL	FRESNO	38	E	37		2.6-	Y	Y
93493	FULLER THEOLOGICAL SEM	PASADENA	364		384		5.5	Y	Y
93494	FULLERTON COLL	FULLERTON	47		58		23.4	Y	Y
93495	GAVILAN COLL	GILROY	28		34		21.4	Y	Y
93496	GLENDALE CMTY COLL	GLENDALE	289		345		19.4	Y	Y
93497	GOLDEN GATE BAPT THEO SEM	MILL VALLEY	30		35		16.7	Y	Y
93498	GOLDEN GATE UNIV	SAN FRANCISCO	558		626		12.2	Y	Y
93566A	GOLDEN WEST COLL	HUNTINGTN BEACH	72		57		20.8-	Y	Y
93499	GRADUATE THEOL UNION	BERKELEY	32		34		6.3	Y	Y
93500	GROSSMONT COLL	EL CAJON	298		343		15.1	Y	Y
93501	HARTNELL COLL	SALINAS	59		65		10.2	Y	Y
93470B	HARVEY MUDD COLL	CLAREMONT	9		11		22.2	Y	Y
93733	HEALD BUS COLL-RANCH CORD	RANCHO CORDOVA	0		3		**	Y	Y
93738	HEALD BUS COLL-ROHNERT PK	ROHNERT PARK	1			N		N	N

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93734	HEALD BUS COLL-SAN FRAN	SAN FRANCISCO	48	E	61		27.1	Y	Y
93741	HEALD COLL-HAYWARD	HAYWARD	3		8		166.7	Y	Y
93742	HEALD COLL-OAKLAND	OAKLAND	11		10	E	9.1-	Y	N
93736	HEALD COLL-WALNUT CREEK	WALNUT CREEK	4		2		50.0-	Y	N
93731	HEALD FOUR C'S COLL	FRESNO	9		4		55.6-	Y	N
93732	HEALD INST TECH-MARTINEZ	MARTINEZ		N		N		N	N
93502	HEALD INST TECH-SAN FRAN	SAN FRANCISCO	16	L		N		N	N
93735	HEALD INST TECH-SAN JOSE	SAN JOSE	12	E	3		75.0-	Y	Y
93503	HEBREW UNION C CAL BRANCH	LOS ANGELES	3		4		33.3	Y	Y
93504	HOLY NAMES COLL	OAKLAND	121		137		13.2	Y	Y
93430R	HUMBOLDT STATE UNIV	ARCATA	49		56		14.3	Y	Y
93506	HUMPHREYS COLL	STOCKTON	3		6		100.0	Y	Y
93508	IMPERIAL VALLEY COLL	IMPERIAL	32		22		31.3-	Y	Y
93665	IRVINE VALLEY COLL	IRVINE	15	L	100	E	566.7	Y	N
93509	JESUIT SCH OF THEOLOGY	BERKELEY	41		32		22.0-	Y	Y
93510	JOHN F KENNEDY UNIV	ORINDA	75		39		48.0-	Y	Y
93511	JUDAISM, UNIV OF	LOS ANGELES	7		11		57.1	Y	Y
93647B	KINGS RIVER CMTY COLL	REEDLEY	46		67		45.7	Y	Y
93514	LA VERNE, UNIV OF	LA VERNE	188		140		25.5-	Y	Y
93676	LAKE TAHOE CMTY COLL	SO LAKE TAHOE	0		0			Y	N
93590D	LANEY COLL	OAKLAND	32		55		71.9	Y	Y
93515	LASSEN COLL	SUSANVILLE	39		58		48.7	Y	Y
93516	LINCOLN UNIV	SAN FRANCISCO	226		291		28.8	Y	Y
93518B	LOMA LINDA U-LA SIERRA	RIVERSIDE	457		400	E	12.5-	Y	N
93518	LOMA LINDA UNIV	LOMA LINDA	230		239		3.9	Y	Y
93520	LONG BEACH CITY COLL	LONG BEACH	49	E	47		4.1-	Y	Y
93530B	LOS ANG CITY COLL	LOS ANGELES	656		700		6.7	Y	Y
93530C	LOS ANG HARBOR COLL	WILMINGTON	148		195		31.8	Y	Y
93530I	LOS ANG MISSION COLL	SAN FERNANDO	22		69		213.6	Y	N
93530D	LOS ANG PIERCE COLL	WOODLAND HILLS	261		303		16.1	Y	Y
93530E	LOS ANG SOUTHWEST COLL	LOS ANGELES	14		21		50.0	Y	Y
93530F	LOS ANG TRADE-TECH COLL	LOS ANGELES	65		102		56.9	Y	Y
93530G	LOS ANG VALLEY COLL	VAN NUYS	136		203		49.3	Y	Y
93483C	LOS MEDANOS COLL	PITTSBURG	0		3		**	Y	Y
93543	LOYOLA MARYMOUNT UNIV	LOS ANGELES	202		169		16.3-	Y	Y
93544	MARIN, COLL OF	KENTFIELD	112		143		27.7	Y	Y
93692	MARYMNT PALOS VERDES COLL	RANCH PLS VERDS	187		192		2.7	Y	Y
93521	MASTER'S COLL, THE	NEWHALL	26		30		15.4	Y	Y
93698	MENDOCINO COLL	UKIAH	6		2		66.7-	Y	N
93546	MENLO COLL	ATHERTON	63		64		1.6	Y	Y
93691	MENNONITE BRTHRN BIB SEM	FRESNO	47		49		4.3	Y	Y
93547	MERCED COLL	MERCED	33		42		27.3	Y	Y
93590E	MERRITT COLL	OAKLAND	61	E	25	E	59.0-	Y	N
93548	MILLS COLL	OAKLAND	83		75		9.6-	Y	Y
93549	MIRA COSTA COLL	OCEANSIDE	11		26		136.4	Y	N
93656A	MISSION COLL	SANTA CLARA	31		27		12.9-	Y	Y
93550	MODESTO JR COLL	MODESTO	111		156		40.5	Y	Y
93551	MONTEREY INST INTL STDIES	MONTEREY	205		196		4.4-	Y	Y
93552	MONTEREY PENINSULA COLL	MONTEREY	130	E	219		68.5	Y	Y
93554	MOORPARK COLL	MOORPARK	49		67	E	36.7	Y	Y
93556	MT SAN ANTONIO COLL	WALNUT	317		373		17.7	Y	Y
93557	MT SAN JACINTO COLL	SAN JACINTO	16		11		31.3-	Y	Y
93555	MT ST MARY'S COLL	LOS ANGELES	27		28		3.7	Y	Y
93559	NAPA VALLEY COLL	NAPA	48		55		14.6	Y	Y
93696	NATIONAL UNIV	SAN DIEGO	457		705		54.3	Y	Y
93560	NAVAL POSTGRAD SCH	MONTEREY	299		263		12.0-	Y	N
93561	NEW COLL OF CALIFORNIA	SAN FRANCISCO	21		12		42.9-	Y	N
93562	NORTHROP UNIV	LOS ANGELES	700	E	438		37.4-	Y	Y
93563	NOTRE DAME, COLL OF	BELMONT	108		107		0.9-	Y	Y
93564	OCCIDENTAL COLL	LOS ANGELES	60		51		15.0-	Y	N
93565	OHLONE COLL	FREMONT	92	E	80		13.0-	Y	N
93566B	ORANGE COAST COLL	COSTA MESA	148		173		16.9	Y	Y
93567	OTIS ART INST OF PARSONS	LOS ANGELES	66		89		34.8	Y	Y
93678	OXNARD COLL	OXNARD	40		51		27.5	Y	Y
93568	PACIFIC CHRISTIAN COLL	FULLERTON	15		14		6.7-	Y	Y
93725	PACIFIC GRAD SCH PSYCH	PALO ALTO	15	E	17		13.3	Y	Y
93571	PACIFIC OAKS COLL	PASADENA	11		7		36.4-	Y	Y

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93572	PACIFIC SCH OF RELIGION	BERKELEY	24		22		8.3-	Y	Y
93574	PACIFIC UNION COLL	ANGWIN	112		112		0.0	Y	Y
93575	PACIFIC, UNIV OF THE	STOCKTON	316		275		13.0-	Y	Y
93576	PALO VERDE COLL	BLYTHE	5		4		20.0-	Y	Y
93577	PALOMAR CMTY COLL	SAN MARCOS	102		128		25.5	Y	Y
93578	PASADENA CITY COLL	PASADENA	472		636		34.7	Y	Y
93683	PATTEN COLL	OAKLAND	6		7		16.7	Y	Y
93581A	PEPPERDINE UNIV	MALIBU	420		400		4.8-	Y	Y
93470C	PITZER COLL	CLAREMONT	22		29		31.8	Y	Y
93579	POINT LOMA NAZARENE COLL	SAN DIEGO	104		71		31.7-	Y	Y
93470D	POMONA COLL	CLAREMONT	26		28		7.7	Y	Y
93600	PORTERVILLE COLL	PORTERVILLE	8		4		50.0-	Y	Y
93601	QUEEN OF HOLY ROSARY COLL	MISSION SN JOSE	0		2		**	Y	Y
93628	RANCHO SANTIAGO COLL	SANTA ANA	335		345		3.0	Y	Y
93603	RAND GRAD SCH	SANTA MONICA	11		10		9.1-	Y	Y
93604	REDLANDS, UNIV OF	REDLANDS	48	E	62		29.2	Y	Y
93605	REDWOODS, COLL OF THE	EUREKA	15		20		33.3	Y	Y
93606	RIO HONDO COLL	WHITTIER	215		301		40.0	Y	Y
93607	RIVERSIDE CMTY COLL	RIVERSIDE	87		114		31.0	Y	Y
93542C	SACRAMENTO CITY COLL	SACRAMENTO	491		601		22.4	Y	Y
93609	SADDLEBACK COLL	MISSION VIEJO	138	E	153		10.9	Y	Y
93616	SAN BERNARDINO VLY COLL	SAN BERNARDINO	48		62		29.2	Y	Y
93617A	SAN DIEGO CITY COLL	SAN DIEGO	186		184		1.1-	Y	Y
93617C	SAN DIEGO MESA COLL	SAN DIEGO	165		173		4.8	Y	Y
93617D	SAN DIEGO MIRAMAR COLL	SAN DIEGO	6		8		33.3	Y	Y
93618A	SAN DIEGO SCH OF LAW,U OF	SAN DIEGO	22	L		M			
93430M	SAN DIEGO STATE UNIV	SAN DIEGO	667		658		1.3-	Y	Y
93618	SAN DIEGO, UNIV OF	SAN DIEGO	191		215	E	12.6	Y	Y
93620	SAN FRANCISCO ART INST	SAN FRANCISCO	64		70		9.4	Y	N
93726	SAN FRANCISCO C MORTUARY	SAN FRANCISCO	1		1		0.0	Y	N
93621	SAN FRANCISCO CONSV MUSIC	SAN FRANCISCO	64		72		12.5	Y	Y
93430D	SAN FRANCISCO STATE UNIV	SAN FRANCISCO	1,611		1,459		9.4-	Y	Y
93622	SAN FRANCISCO THEOL SEM	SAN ANSELMO	147		200		36.1	Y	Y
93623	SAN FRANCISCO, UNIV OF	SAN FRANCISCO	689		748		8.6	Y	Y
93624	SAN JOAQUIN DELTA COLL	STOCKTON	127	E	90		29.1-	Y	Y
93626	SAN JOSE CITY COLL	SAN JOSE	68		75		10.3	Y	N
93430P	SAN JOSE STATE UNIV	SAN JOSE	1,043	E	1,043	E	0.0	Y	Y
93627B	SAN MATEO, COLL OF	SAN MATEO	150		165		10.0	Y	Y
93629	SANTA BARBARA CITY COLL	SANTA BARBARA	191		200		4.7	Y	Y
93630	SANTA CLARA UNIV	SANTA CLARA	398		486		22.1	Y	Y
93631	SANTA MONICA COLL	SANTA MONICA	1,079		1,360		26.0	Y	Y
93632	SANTA ROSA JR COLL	SANTA ROSA	263		322		22.4	Y	Y
93722	SAYBROOK INST	SAN FRANCISCO	7		7		0.0	Y	Y
93470E	SCRIPPS COLL	CLAREMONT	17		14		17.6-	Y	Y
93634	SEQUOIAS, COLL OF THE	VISALIA	28		30		7.1	Y	Y
93635	SHASTA COLL	REDDING	9		9		0.0	Y	Y
93636	SIERRA COLL	ROCKLIN	45		49		8.9	Y	Y
93637	SIMPSON COLL	REDDING	3		5		66.7	Y	Y
93638	SISKIYOUS, COLL OF THE	WEED	29		25		13.8-	Y	Y
93627C	SKYLINE COLL	SAN BRUNO	150		126		16.0-	Y	Y
93639	SOLANO CMTY COLL	SUISUN CITY	23		26		13.0	Y	N
93430S	SONOMA STATE UNIV	ROHNERT PARK	221		247		11.8	Y	Y
93643	SOUTHWESTERN COLL	CHULA VISTA	107		155		44.9	Y	Y
93611	ST JOHN'S SEM COLL	CAMARILLO	1		1		0.0	Y	Y
93614	ST JOSEPH'S COLL	MOUNTAIN VIEW	12	E	8		33.3-	Y	Y
93613	ST MARY'S COLL OF CAL	MORAGA	142		148		4.2	Y	Y
93689	ST PATRICK'S SEM	MENLO PARK	10		8		20.0-	Y	Y
93646	STANFORD UNIV	STANFORD	2,081		2,000		3.9-	Y	Y
93640	STHN CAL COLL	COSTA MESA	25		25		0.0	Y	Y
93522	STHN CAL COLL OPTOMETRY	FULLERTON	2		3		50.0	Y	Y
93642	STHN CAL, UNIV OF	LOS ANGELES	3,705		3,886		4.9	Y	Y
93649	TAFT COLL	TAFT	10		14		40.0	Y	Y
93641	THEO AT CLAREMONT, SCH OF	CLAREMONT	34		40		17.6	Y	Y
93740	THOMAS AQUINAS COLL	SANTA PAULA	19		18		5.3-	Y	Y
93650	US INTERNATIONAL UNIV	SAN DIEGO	555		573		3.2	Y	Y
93652	VENTURA COLL	VENTURA	26		32		23.1	Y	Y
93653	VICTOR VALLEY COLL	VICTORVILLE	12		4		66.7-	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL	1990/91 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
93590F	VISTA COLL	BERKELEY	0	0		Y	N
93654A	W COAST U ORANGE CO CTR	ORANGE	32	25	21.9-	Y	Y
93687	WEST COAST CHRISTIAN COLL	FRESNO	N	N		N	N
93654	WEST COAST U MAIN CAMPUS	LOS ANGELES	210	210	0.0	Y	Y
93655	WEST HILLS COLL	COALINGA	33	34	3.0	Y	Y
93530H	WEST LOS ANGELES COLL	CULVER CITY	226	296	31.0	Y	Y
93705	WEST LOS ANGELES, UNIV OF	LOS ANGELES	2	3	50.0	Y	N
93656	WEST VALLEY COLL	SARATOGA	111	126	13.5	Y	Y
93666	WESTMINSTER THEOL SEM	ESCONDIDO	10	13	30.0	Y	Y
93658	WESTMONT COLL	SANTA BARBARA	11	10	9.1-	Y	Y
93660	WHITTIER COLL	WHITTIER	63	52	17.5-	Y	Y
93661	WOODBURY UNIV	BURBANK	147	138	6.1-	Y	Y
93715	WORLD COLL WEST	PETALUMA	13	7	46.2-	Y	Y
93662	WRIGHT INST	BERKELEY	5	3 E	40.0-	Y	N
93706A	WSTN ST UNIV C LAW ORANGE	FULLERTON	3	2	33.3-	Y	Y
93706B	WSTN ST UNIV C LAW SN DGO	SAN DIEGO	1	1	0.0	Y	Y
93663	YUBA COLL	MARYSVILLE	39	29	25.6-	Y	Y
	TOTAL CALIFORNIA		54,178	55,168	1.8		
	COLORADO						
84400	ADAMS STATE COLL	ALAMOSA	14	12	14.3-	Y	Y
84401	AIMS CMTY COLL	GREELEY	10	8	20.0-	Y	Y
84402	ARAPAHOE CMTY COLL	LITTLETON	157	145	7.6-	Y	Y
84410	AURORA, CMTY COLL OF	AURORA	22	22	0.0	Y	Y
84446	BETH-EL COLL OF NURSING	COLO SPRINGS	0	0		Y	N
84445	BLAIR JR COLL	COLO SPRINGS	3	5	66.7	Y	Y
84407	COLORADO BOULDER, UNIV OF	BOULDER	910	988	8.6	Y	Y
84425	COLORADO CHRISTIAN UNIV	LAKEWOOD	18	15 E	16.7-	Y	Y
84403	COLORADO COLL	COLO SPRINGS	53	66	24.5	Y	Y
84407B	COLORADO COLO SPRNG, U OF	COLO SPRINGS	28	34	21.4	Y	Y
84407C	COLORADO DENVER, UNIV OF	DENVER	251	251 E	0.0	Y	N
84407A	COLORADO HLTH SCI CTR, U	DENVER	27	28	3.7	Y	Y
84404A	COLORADO MTN C TIMBERLINE	LEADVILLE	4	10	150.0	Y	Y
84404B	COLORADO MTN COLL	GLENWOOD SPRNGS	N	7 E	**	Y	Y
84434	COLORADO NORTHWESTERN CC	RANGELY	4	2	50.0-	Y	Y
84405	COLORADO SCH OF MINES	GOLDEN	323	326	0.9	Y	Y
84406	COLORADO STATE UNIV	FORT COLLINS	998	1,004	0.6	Y	Y
84437	COLORADO TECHNICAL COLL	COLO SPRINGS	58	63	8.6	Y	Y
84409A	DENVER AURARIA CAM, CC OF	DENVER	162	162 E	0.0	Y	N
84408	DENVER SEM	DENVER	17	14	17.6-	Y	Y
84411	DENVER, UNIV OF	DENVER	595	582	2.2-	Y	Y
84413	FORT LEWIS COLL	DURANGO	62	79	27.4	Y	Y
84409B	FRONT RANGE CMTY COLL	WESTMINSTER	51	69	35.3	Y	Y
84414	ILIFF SCH OF THEOLOGY	DENVER	14	13	7.1-	Y	Y
84416	LAMAR CMTY COLL	LAMAR	3	4	33.3	Y	Y
84418	MESA STATE COLL	GRAND JUNCTION	145 E	145 E	0.0	Y	Y
84419	METROPOLITAN STATE COLL	DENVER	158	158 E	0.0	Y	N
84433	MORGAN CMTY COLL	FORT MORGAN	0	0		Y	N
84444	NAROPA INST	BOULDER	26	22	15.4-	Y	Y
84420	NATL TECHNOLOGICAL UNIV	FORT COLLINS	0	0		Y	N
84421	NORTHEASTERN JR COLL	STERLING	1	1	0.0	Y	Y
84422	NORTHERN COLORADO, U OF	GREELEY	130 E	175 E	34.6	Y	Y
84423	OTERO JR COLL	LA JUNTA	4	11	175.0	Y	Y
84412	PIKES PEAK CMTY COLL	COLO SPRINGS	19	18	5.3-	Y	Y
84443	PUEBLO CMTY COLL	PUEBLO	14	10	28.6-	Y	Y
84409C	RED ROCKS CMTY COLL	GOLDEN	102	205	101.0	Y	Y
84424	REGIS COLL	DENVER	36	386	972.2	Y	Y
84428	SOUTHERN COLORADO, U OF	PUEBLO	162	140	13.6-	Y	Y
84427	ST THOMAS THEOL SEM	DENVER	0	N		N	N
84430	TRINIDAD STATE JR COLL	TRINIDAD	49	54	10.2	Y	Y
84431	US AIR FORCE ACADEMY	COLO SPRINGS	40	40	0.0	Y	Y
84432	WESTERN ST COLL COLORADO	GUNNISON	11	13	18.2	Y	Y
	TOTAL COLORADO		4,681	5,287	12.9		

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	CONNECTICUT								
16400	ALBERTUS MAGNUS COLL	NEW HAVEN	24		26		8.3	Y	Y
16464	ASNUNTUCK CMTY COLL	ENFIELD	0		4		**	Y	N
16469	BRIARWOOD COLL	SOUTHINGTON	1		0		100.0-	Y	N
16402	BRIDGEPORT ENGR INST	FAIRFIELD	4		0		100.0-	Y	N
16403	BRIDGEPORT, UNIV OF	BRIDGEPORT	585		521		10.9-	Y	Y
16404	CENTRAL CONN STATE UNIV	NEW BRITAIN	238		199		16.4-	Y	Y
16470	CHARTER OAK COLL	FARMINGTON	0		0			Y	N
16406	CONN COLL	NEW LONDON	98		102		4.1	Y	Y
16410	CONN, UNIV OF	STORRS	881	E	1,047		18.8	Y	Y
16420	EASTERN CONN STATE UNIV	WILLIMANTIC	39		46		17.9	Y	Y
16421	FAIRFIELD UNIV	FAIRFIELD	38		26		31.6-	Y	Y
16422	GREATER HARTFORD CC	HARTFORD	35		40		14.3	Y	N
16468	GREATR NEW HAVN ST TECH C	NORTH HAVEN	5		4		20.0-	Y	Y
16423	HARTFORD COLL FOR WOMEN	HARTFORD	25		20		20.0-	Y	Y
16446	HARTFORD GRADUATE CENTER	HARTFORD	19		30		57.9	Y	Y
16424	HARTFORD SEM	HARTFORD	0		2		**	Y	Y
16425	HARTFORD STATE TECH COLL	HARTFORD	5		5		0.0	Y	Y
16426	HARTFORD, UNIV OF	WEST HARTFORD	528		656		24.2	Y	Y
16427	HOLY APOSTLES COLL	CROMWELL	3			N		N	N
16429	HOUSATONIC REGIONAL CC	BRIDGEPORT	24		27		12.5	Y	Y
16432	MANCHESTER CMTY COLL	MANCHESTER	14		14	E	0.0	Y	N
16434	MATTATUCK CMTY COLL	WATERBURY	71	L	20	E	71.8-	Y	N
16435	MIDDLESEX CMTY COLL	MIDDLETOWN	19		9		52.6-	Y	Y
16436	MITCHELL COLL	NEW LONDON	36		52		44.4	Y	Y
16462	MOHEGAN CMTY COLL	NORWICH	9		4		55.6-	Y	N
16440	NEW HAVEN, UNIV OF	WEST HAVEN	362	E	378		4.4	Y	Y
16442	NORWALK CMTY COLL	NORWALK	22		37		68.2	Y	Y
16443	NORWALK STATE TECH COLL	NORWALK	4		3		25.0-	Y	Y
16441	NTHWSTN CONN CMTY COLL	WINSTED	4		6		50.0	Y	Y
16465	QUINEBAUG VLY CMTY COLL	DANIELSON	3		15		400.0	Y	Y
16445	QUINNIPIAC COLL	HAMDEN	9		7		22.2-	Y	N
16447	SACRED HEART UNIV	FAIRFIELD	65		64		1.5-	Y	Y
16453	SOUTH CENTRAL CMTY COLL	NEW HAVEN	38		35		7.9-	Y	Y
16454	SOUTHERN CONN STATE UNIV	NEW HAVEN	142	E	180	E	26.8	Y	N
16448	ST ALPHONSUS COLL	SUFFIELD	3			C			
16450	ST JOSEPH COLL	WEST HARTFORD	1		4		300.0	Y	Y
16444	TEIKYO POST UNIV	WATERBURY	18		20		11.1	Y	Y
16455	THAMES VLY STATE TECH C	NORWICH	0		0			Y	N
16456	TRINITY COLL	HARTFORD	43		42		2.3-	Y	Y
16463	TUNXIS CMTY COLL	FARMINGTON	20		32		60.0	Y	N
16457	US COAST GUARD ACAD	NEW LONDON	11		15		36.4	Y	Y
16466	WATERBURY ST TECH COLL	WATERBURY	0		3		**	Y	Y
16458	WESLEYAN UNIV	MIDDLETOWN	74	E	91		23.0	Y	N
16459	WESTERN CONN STATE UNIV	DANBURY	34		33		2.9-	Y	Y
16460	YALE UNIV	NEW HAVEN	1,082		1,160		7.2	Y	Y
	TOTAL CONNECTICUT		4,636		4,979		7.4		
	DELAWARE								
51400	BRANDYWINE COLL WIDENER U	WILMINGTON	6		5		16.7-	Y	Y
51403Y	DEL TECH & CC CAMPUSES	DOVER	73		70		4.1-	Y	Y
51402	DELAWARE STATE COLL	DOVER	45		53		17.8	Y	Y
51404	DELAWARE, UNIV OF	NEWARK	802		844		5.2	Y	Y
51406	GOLDEY BEACOM COLL	WILMINGTON	53		66		24.5	Y	Y
51407	WESLEY COLL	DOVER	19		22		15.8	Y	Y
51408	WILMINGTON COLL	NEW CASTLE	5		7	E	40.0	Y	N
	TOTAL DELAWARE		1,003		1,067		6.4		
	DISTRICT OF COLUMBIA								
53404	AMERICAN UNIV	WASHINGTON	1,382		1,404		1.6	Y	Y
53410	CATHOLIC UNIV OF AMERICA	WASHINGTON	541		470		13.1-	Y	Y

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53445	CORCORAN SCH OF ART	WASHINGTON	24		32		33.3	Y	Y
53446	DE SALES HALL SCH THEO	WASHINGTON	5		4		20.0-	Y	Y
53417	DIST OF COLUMBIA, UNIV OF	WASHINGTON	1,196		1,263		5.6	Y	Y
53442	DOMINICAN HOUSE OF STDIES	WASHINGTON	3		4		33.3	Y	Y
53418	GALLAUDET COLL	WASHINGTON	287		286		0.3-	Y	Y
53419	GEORGE WASHINGTON UNIV	WASHINGTON	2,207		2,378		7.7	Y	Y
53420	GEORGETOWN UNIV	WASHINGTON	1,066		1,108		3.9	Y	Y
53421	HOWARD UNIV	WASHINGTON	1,614		1,581		2.0-	Y	Y
53434	JHNS HOPKINS SCH ADV INTL	WASHINGTON	179		146		18.4-	Y	Y
53427	MOUNT VERNON COLL	WASHINGTON	61	E	40		34.4-	Y	Y
53431	OBLATE COLL	WASHINGTON	6		3		50.0-	Y	Y
53435	SOUTHEASTERN UNIV	WASHINGTON	289	E	262		9.3-	Y	Y
53436	STRAYER COLL	WASHINGTON	601		700	E	16.5	Y	N
53438	TRINITY COLL	WASHINGTON	20		21		5.0	Y	Y
53441	WESLEY THEOLOGICAL SEM	WASHINGTON	6		7		16.7	Y	Y
	TOTAL DISTRICT OF COLUMBIA		9,487		9,709		2.3		
	FLORIDA								
59400	BARRY UNIV	MIAMI SHORES	488		528		8.2	Y	Y
59401	BETHUNE COOKMAN COLL	DAYTONA BEACH	65		58		10.8-	Y	Y
59439	BOCA RATON, COLL OF	BOCA RATON	135		129	E	4.4-	Y	N
59403	BREVARD CMTY COLL	COCOA	161		156		3.1-	Y	Y
59404	BROWARD CMTY COLL	FORT LAUDERDALE	804	E	760	E	5.5-	Y	N
59405	CENTRAL FLA CMTY COLL	OCALA	30		48		60.0	Y	Y
59420G	CENTRAL FLORIDA, UNIV OF	ORLANDO	456		515		12.9	Y	Y
59406	CHIPOLA JR COLL	MARIANNA	4		9		125.0	Y	Y
59472	CLEARWATER CHRISTIAN COLL	CLEARWATER	18		21		16.7	Y	Y
59407	DAYTONA BEACH CMTY COLL	DAYTONA BEACH	450	E	525	E	16.7	Y	N
59408	ECKERD COLL	ST PETERSBURG	130		129		0.8-	Y	Y
59409	EDISON CMTY COLL	FORT MYERS	69		67		2.9-	Y	Y
59410	EDWARD WATERS COLL	JACKSONVILLE	35	L	13		62.9-	Y	N
59411	EMBRY-RIDDLE AERON UNIV	DAYTONA BEACH	358		403		12.6	Y	Y
59470	FLAGLER COLL	ST AUGUSTINE	15		13		13.3-	Y	Y
59420C	FLORIDA A & M UNIV	TALLAHASSEE	273		131	E	52.0-	Y	Y
59420D	FLORIDA ATLANTIC UNIV	BOCA RATON	513	E	659	E	28.5	Y	Y
59488	FLORIDA BAPTIST THEO COLL	GRACEVILLE	7	E	6		14.3-	Y	Y
59416	FLORIDA CMTY C JACKSONVL	JACKSONVILLE	57		78		36.8	Y	Y
59413	FLORIDA COLL	TEMPLE TERRACE	6		7		16.7	Y	Y
59415	FLORIDA INST TECHNOLOGY	MELBOURNE	934		847		9.3-	Y	Y
59420E	FLORIDA INTERNATIONAL U	MIAMI	1,234		1,142		7.5-	Y	Y
59417	FLORIDA KEYS CMTY COLL	KEY WEST	5		4		20.0-	Y	Y
59418	FLORIDA MEMORIAL COLL	MIAMI	131		131	L	0.0	Y	N
59419	FLORIDA SOUTHERN COLL	LAKELAND	43		48		11.6	Y	Y
59420F	FLORIDA STATE UNIV	TALLAHASSEE	778		689	E	11.4-	Y	Y
59420	FLORIDA, UNIV OF	GAINESVILLE	1,880	E	2,053		9.2	Y	Y
59431	GULF COAST CMTY COLL	PANAMA CITY	38		39		2.6	Y	Y
59432	HILLSBOROUGH CMTY COLL	TAMPA	157		151		3.8-	Y	Y
59433	INDIAN RIVER CMTY COLL	FORT PIERCE	35		31		11.4-	Y	Y
59483	INTL FINE ARTS COLL	MIAMI	97		88		9.3-	Y	Y
59434	JACKSONVILLE UNIV	JACKSONVILLE	105		107		1.9	Y	Y
59436	LAKE CITY CMTY COLL	LAKE CITY	8		16		100.0	Y	N
59437	LAKE-SUMTER CMTY COLL	LEESBURG	2		4		100.0	Y	Y
59438	MANATEE CMTY COLL	BRADENTON	37		50		35.1	Y	Y
59480	MIAMI CHRISTIAN COLL	MIAMI	5		8		60.0	Y	Y
59440	MIAMI, UNIV OF	CORAL GABLES	1,756		1,665		5.2-	Y	Y
59441	MIAMI-DADE CMTY COLL	MIAMI	5,518		5,757		4.3	Y	Y
59443	NORTH FLORIDA JR COLL	MADISON	2		1		50.0-	Y	Y
59420H	NORTH FLORIDA, UNIV OF	JACKSONVILLE	59		69	E	16.9	Y	Y
59444	NOVA UNIV	FORT LAUDERDALE	873	E	505		42.2-	Y	Y
59445	OKALOOSA-WALTON JR COLL	NICEVILLE	1		3		200.0	Y	Y
59468	PALM BEACH ATLANTIC COLL	W PALM BEACH	22	L	62		181.8	Y	N
59448	PALM BEACH CMTY COLL	LAKE WORTH	192	E	203		5.7	Y	Y
59466	PASCO-HERNANDO CMTY COLL	DADE CITY	0		0			Y	N
59449	PENSACOLA JR COLL	PENSACOLA	26		33		26.9	Y	N
59450	POLK CMTY COLL	WINTER HAVEN	14	E	22	E	57.1	Y	Y

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59475	RINGLING SCH ART & DESIGN	SARASOTA	11		15		36.4	Y	Y
59451	ROLLINS COLL	WINTER PARK	78		71		9.0-	Y	Y
59457	SANTA FE CMTY COLL	GAINESVILLE	338		366		8.3	Y	Y
59481	SARASOTA, UNIV OF	SARASOTA		N		N		N	N
59458	SEMINOLE CMTY COLL	SANFORD	98	E	145	E	48.0	Y	N
59459	SOUTH FLORIDA CMTY COLL	AVON PARK	8		14		75.0	Y	Y
59420I	SOUTH FLORIDA, UNIV OF	TAMPA	837		970		15.9	Y	Y
59471	ST JOHN VIANNEY COLL SEM	MIAMI	1		2		100.0	Y	Y
59452	ST JOHN'S RIVER JR COLL	PALATKA	7		3		57.1-	Y	Y
59454	ST LEO COLL	SAINT LEO	52		31	E	40.4-	Y	Y
59456	ST PETERSBURG JR COLL	ST PETERSBURG	63		161		155.6	Y	Y
59402	ST THOMAS UNIV	MIAMI	135		154		14.1	Y	Y
59477	ST VINCENT DE PAUL SEM	BOYNTON BEACH	4		10		150.0	Y	Y
59461	STETSON UNIV	DELAND	66		65		1.5-	Y	Y
59462	TALLAHASSEE CMTY COLL	TALLAHASSEE	78		75		3.8-	Y	Y
59463	TAMPA, UNIV OF	TAMPA	116		130		12.1	Y	Y
59464	VALENCIA CMTY COLL	ORLANDO	224	E	279		24.6	Y	Y
59478	WARNER SOUTHERN COLL	LAKE WALES	7		16		128.6	Y	Y
59465	WEBBER COLL	BABSON PARK	25		21		16.0-	Y	Y
59420J	WEST FLORIDA, UNIV OF	PENSACOLA	190		189		0.5-	Y	Y
	TOTAL FLORIDA		20,364		20,700		1.6		
	GEORGIA								
58400	ABRAHAM BALDWIN AGRL COLL	TIFTON	33		39		18.2	Y	Y
58401	AGNES SCOTT COLL	DECATUR	16		19		18.8	Y	Y
58403	ALBANY STATE COLL	ALBANY	1		7		600.0	Y	Y
58479	AMERICN COLL APPLIED ARTS	ATLANTA	92		111		20.7	Y	Y
58404	ANDREW COLL	CUTHBERT	57		59		3.5	Y	Y
58405	ARMSTRONG STATE COLL	SAVANNAH	23	E	26	E	13.0	Y	N
58476	ART INST OF ATLANTA	ATLANTA	12		10		16.7-	Y	Y
58483	ATHENS AREA TECH INST	ATHENS			1	F	**	Y	Y
58409	ATLANTA COLL OF ART	ATLANTA	12		16		33.3	Y	Y
58467	ATLANTA METROPOLITAN COLL	ATLANTA	97		85		12.4-	Y	N
58411	AUGUSTA COLL	AUGUSTA	15		24		60.0	Y	Y
58484	AUGUSTA TECHNICAL INST	AUGUSTA			1	F	**	Y	Y
58464	BAINBRIDGE COLL	BAINBRIDGE	0		0			Y	N
58477	BAUDER FASHION COLL	ATLANTA		N		N		N	N
58412	BERRY COLL	MOUNT BERRY	25		24		4.0-	Y	Y
58413	BRENAU COLL	GAINESVILLE	21		32		52.4	Y	Y
58414	BREWTON-PARKER COLL	MOUNT VERNON		N	0			Y	N
58415	BRUNSWICK JR COLL	BRUNSWICK	11		7		36.4-	Y	Y
58485	CHATTAHOOCHE TECH INST	MARIETTA		N		N		N	N
58416	CLARK ATLANTA UNIV	ATLANTA	225	E	249		10.7	Y	Y
58417	CLAYTON STATE COLL	MORROW	7		26		271.4	Y	Y
58418	COLUMBIA THEOLOGICAL SEM	DECATUR	20	E	19		5.0-	Y	Y
58419	COLUMBUS COLL	COLUMBUS	61		58		4.9-	Y	Y
58486	COLUMBUS TECHNICAL INST	COLUMBUS		N	0			Y	N
58481	COVENANT COLL	LOOKOUT MTN	24		25		4.2	Y	Y
58420	DALTON COLL	DALTON	1		3		200.0	Y	Y
58402	DARTON COLL	ALBANY	1		3		200.0	Y	Y
58421	DEKALB COLL	CLARKSTON	225		269		19.6	Y	Y
58480	DEVRY INST OF TECHNOLOGY	ATLANTA	32		28		12.5-	Y	Y
58466	EAST GEORGIA COLL	SWAINSBORO	0		0			Y	N
58422	EMMANUEL COLL	FRANKLN SPRINGS	0		1		**	Y	Y
58423	EMORY UNIV	ATLANTA	386		354		8.3-	Y	Y
58463	FLOYD COLL	ROME	1		1		0.0	Y	Y
58424	FORT VALLEY STATE COLL	FORT VALLEY	33		36		9.1	Y	Y
58425	GAINESVILLE COLL	GAINESVILLE	29		28		3.4-	Y	Y
58426	GEORGIA COLL	MILLEDGEVILLE	70		65		7.1-	Y	Y
58427	GEORGIA INST TECHNOLOGY	ATLANTA	972		1,010		3.9	Y	Y
58428	GEORGIA MILITARY COLL	MILLEDGEVILLE	3	E	2		33.3-	Y	Y
58429	GEORGIA SOUTHERN UNIV	STATESBORO	168		167		0.6-	Y	Y
58430	GEORGIA SOUTHWESTERN COLL	AMERICUS	36		43		19.4	Y	Y
58431	GEORGIA STATE UNIV	ATLANTA	736	E	711		3.4-	Y	Y
58432	GEORGIA, UNIV OF	ATHENS	1,168		1,224		4.8	Y	Y

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58433	GORDON COLL	BARNESVILLE	5		7		40.0	Y	Y
58482	INST PAPER SCIENCE & TECH	ATLANTA	1		3		200.0	Y	Y
58434	INTERDENOMINATL THEOL CTR	ATLANTA	14		19		35.7	Y	Y
58436	KENNESAW STATE COLL	MARIETTA	67		84		25.4	Y	Y
58437	LA GRANGE COLL	LA GRANGE	54		44		18.5-	Y	Y
58471	LIFE CHIROPRACTIC COLL	MARIETTA	54		68		25.9	Y	Y
58438	MACON COLL	MACON	7		6		14.3-	Y	Y
58439	MEDICAL COLL OF GEORGIA	AUGUSTA	46		43		6.5-	Y	Y
58440B	MERCER UNIV IN ATLANTA	ATLANTA	280	E	271		3.2-	Y	Y
58440	MERCER UNIV MAIN CAMPUS	MACON	33	L	150		354.5	Y	N
58440A	MERCER UNIV STHN SCH PHAR	ATLANTA	18		18		0.0	Y	Y
58441	MIDDLE GEORGIA COLL	COCHRAN	7		10		42.9	Y	Y
58442	MOREHOUSE COLL	ATLANTA	38		36		5.3-	Y	N
58478	MOREHOUSE SCH OF MEDICINE	ATLANTA	2		1		50.0-	Y	Y
58443	MORRIS BROWN COLL	ATLANTA	148		135	E	8.8-	Y	N
58445	NORTH GEORGIA COLL	DAHLONEGA	11		10		9.1-	Y	Y
58446	OGLETHORPE UNIV	ATLANTA	44		44		0.0	Y	Y
58447	PAINE COLL	AUGUSTA	10		13		30.0	Y	N
58448	PIEDMONT COLL	DEMOREST	27		16		40.7-	Y	Y
58449	REINHARDT COLL	WALESKAP	20		16	E	20.0-	Y	N
58475	SAVANNAH COLL ART & DSGN	SAVANNAH	59		92		55.9	Y	Y
58450	SAVANNAH STATE COLL	SAVANNAH	71		78		9.9	Y	Y
58451	SHORTER COLL	ROME	15		17		13.3	Y	Y
58469	SOUTH COLL	SAVANNAH	2		1		50.0-	Y	Y
58452	SOUTH GEORGIA COLL	DOUGLAS	12		11		8.3-	Y	Y
58427A	SOUTHERN COLL TECHNOLOGY	MARIETTA	101		107		5.9	Y	Y
58453	SPELMAN COLL	ATLANTA	27		30		11.1	Y	Y
58465	THOMAS COLL	THOMASVILLE	6		2		66.7-	Y	Y
58455	TOCCOA FALLS COLL	TOCCOA FALLS	73		59		19.2-	Y	Y
58456	TRUETT MCCONNELL COLL	CLEVELAND	7		18		157.1	Y	Y
58458	VALDOSTA STATE COLL	VALDOSTA	32		46		43.8	Y	Y
58468	WAYCROSS COLL	WAYCROSS	3	E	2		33.3-	Y	Y
58459	WESLEYAN COLL	MACON	22		28		27.3	Y	Y
58460	WEST GEORGIA COLL	CARROLLTON	51		49		3.9-	Y	Y
58462	YOUNG HARRIS COLL	YOUNG HARRIS		N	2		**	Y	N
	TOTAL GEORGIA		5,980		6,319		5.7		
	GUAM								
90401	GUAM CMTY COLL	MARIANA ISLANDS	314		376		19.7	Y	Y
90400	GUAM, UNIV OF	MANGILAO	159		182	E	14.5	Y	Y
	TOTAL GUAM		473		558		18.0		
	HAWAII								
95402	BRIGHAM YOUNG U-HAWAII	LAIE OAHU	818	E	912		11.5	Y	Y
95401	CHAMINADE U OF HONOLULU	HONOLULU	211		196		7.1-	Y	Y
95410A	HAWAII AT HILO, UNIV OF	HILO	162		216		33.3	Y	Y
95410	HAWAII AT MANOA, UNIV OF	HONOLULU	1,850		2,017		9.0	Y	Y
95403	HAWAII LOA COLL	KANEOHE	89		106		19.1	Y	Y
95404	HAWAII PACIFIC UNIV	HONOLULU	951		1,166		22.6	Y	Y
95410B	HAWAII-WEST OAHU, UNIV OF	PEARL CITY	0		0			Y	N
95410D	HONOLULU CMTY COLL	HONOLULU	16		14		12.5-	Y	Y
95410E	KAPIOLANI CMTY COLL	HONOLULU	26		77		196.2	Y	Y
95410F	KAUAI CMTY COLL	LIHUE	8		9		12.5	Y	Y
95410G	LEEWARD CMTY COLL	PEARL CITY	14		11		21.4-	Y	Y
95410H	MAUI CMTY COLL	KAHULUI	42	L	46		9.5	Y	Y
95410J	WINDWARD CMTY COLL	KANEOHE	3		0		100.0-	Y	N
	TOTAL HAWAII		4,190		4,770		13.8		
	IDAHO								
82400	BOISE STATE UNIV	BOISE	86		102		18.6	Y	Y
82408	ESTN IDAHO TECHNICAL COLL	IDAHO FALLS	0		0			Y	N

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82402	IDAHO STATE UNIV	POCATELLO	153		161		5.2	Y	Y
82401	IDAHO, COLL OF	CALDWELL	23		23		0.0	Y	Y
82403	IDAHO, UNIV OF	MOSCOW	466		450		3.4-	Y	Y
82404	LEWIS CLARK STATE COLL	LEWISTON	50		57		14.0	Y	Y
82405	NORTH IDAHO COLL	COEUR D'ALENE	23		17		26.1-	Y	Y
82406	NORTHWEST NAZARENE COLL	NAMPA	10		14		40.0	Y	Y
82407	RICKS COLL	REXBURG	314		349		11.1	Y	Y
82409	SOUTHERN IDAHO, COLL OF	TWIN FALLS	25		52		108.0	Y	Y
	TOTAL IDAHO		1,150		1,225		6.5		
	ILLINOIS								
33573	ALFRED ADLER INST CHICAGO	CHICAGO	4		3	E	25.0-	Y	N
33404	ART INST CHICAGO, SCH OF	CHICAGO	124		110		11.3-	Y	N
33405	AUGUSTANA COLL	ROCK ISLAND	54		65		20.4	Y	Y
33406	AURORA UNIV	AURORA	13		4		69.2-	Y	Y
33407	BARAT COLL	LAKE FOREST	33		40		21.2	Y	Y
33408	BELLEVILLE AREA COLL	BELLEVILLE	4		5		25.0	Y	N
33409	BETHANY THEOLOGICAL SEM	OAK BROOK	16		14		12.5-	Y	Y
33410A	BLACK HAWK C EAST CAMPUS	KEWANEE	1		0		100.0-	Y	N
33410	BLACK HAWK C QUAD-CITIES	MOLINE	8		1		87.5-	Y	Y
33411	BLACKBURN COLL	CARLINVILLE	20	E	21		5.0	Y	Y
33412	BRADLEY UNIV	PEORIA	296		352		18.9	Y	Y
33413	CARL SANDBURG COLL	GALESBURG	5		13		160.0	Y	Y
33567	CATHOLIC THEOL UNION	CHICAGO	58		69		19.0	Y	Y
33430H	CHICAGO CITY-WIDE COLL	CHICAGO	9		9		0.0	Y	Y
33580	CHICAGO SCH OF PROF PSYCH	CHICAGO	5		6		20.0	Y	Y
33420	CHICAGO STATE UNIV	CHICAGO	52		43		17.3-	Y	Y
33423	CHICAGO, UNIV OF	CHICAGO	1,047	E	1,268		21.1	Y	Y
33440	COLUMBIA COLL	CHICAGO	73	E	112		53.4	Y	N
33441	CONCORDIA UNIV	RIVER FOREST	17		17		0.0	Y	Y
33445	DANVILLE AREA CMTY COLL	DANVILLE	4		2		50.0-	Y	Y
33447	DEPAUL UNIV	CHICAGO	368	E	411		11.7	Y	Y
33448	DEVRY INST TECHNOL-CHCAGO	CHICAGO	52		61		17.3	Y	Y
33442	DEVRY INST TECHNOL-LOMBRD	LOMBARD	11		10		9.1-	Y	Y
33449	DUPAGE, COLL OF	GLEN ELLYN	56		60		7.1	Y	Y
33584	EAST-WEST UNIV	CHICAGO	36		49		36.1	Y	Y
33450	EASTERN ILLINOIS UNIV	CHARLESTON	87		91		4.6	Y	Y
33451	ELGIN CMTY COLL	ELGIN	11		10		9.1-	Y	N
33452	ELMHURST COLL	ELMHURST	25		21		16.0-	Y	Y
33453	EUREKA COLL	EUREKA	0		2		**	Y	Y
33581	FOREST INST OF PROF PSYCH	WHEELING	4		4		0.0	Y	Y
33569	GARRETT-EVANGELCL THEOL	EVANSTON	52		67		28.8	Y	Y
33459	GOVERNORS STATE UNIV	UNIVERSITY PARK	38		33		13.2-	Y	Y
33460	GREENVILLE COLL	GREENVILLE	9		17		88.9	Y	Y
33430C	HAROLD WASHINGTON COLL	CHICAGO	768	E	880		14.6	Y	Y
33430A	HARRY S TRUMAN COLL	CHICAGO	273		255	E	6.6-	Y	N
33462	HIGHLAND CMTY COLL	FREEPORT	1		0		100.0-	Y	N
33578	HLTH SCI-CHGO MED SCH, U	NORTH CHICAGO	48		53		10.4	Y	Y
33474B	ILL AT CHICAGO, UNIV OF	CHICAGO	1,586		1,743		9.9	Y	Y
33463	ILL BENEDICTINE COLL	LISLE	33	E	40	E	21.2	Y	N
33464	ILL CENTRAL COLL	EAST PEORIA	12		8		33.3-	Y	Y
33465	ILL COLL	JACKSONVILLE	5		3		40.0-	Y	Y
33466	ILL COLL OF OPTOMETRY	CHICAGO	21		22		4.8	Y	Y
33468B	ILL EASTERN CMTY COLLS	OLNEY	53	E	42	E	20.8-	Y	Y
33469	ILL INST TECHNOLOGY	CHICAGO	705		707		0.3	Y	Y
33585	ILL SCH PROF PSYCHOLOGY	CHICAGO	5		3		40.0-	Y	Y
33473	ILL STATE UNIV	NORMAL	341		329		3.5-	Y	Y
33474	ILL URBANA-CHAMPAIGN, U	CHAMPAIGN	2,794		2,967		6.2	Y	Y
33475	ILL VALLEY CMTY COLL	OGLESBY	3		8		166.7	Y	Y
33476	ILL WESLEYAN UNIV	BLOOMINGTON	57		64		12.3	Y	Y
33479	JOHN A LOGAN COLL	CARTERVILLE	0		0			Y	N
33572	JOHN WOOD CMTY COLL	QUINCY	1		7		600.0	Y	Y
33481	JOLIET JR COLL	JOLIET	6		5		16.7-	Y	Y
33482	JUDSON COLL	ELGIN	8		9		12.5	Y	Y
33483	KANKAKEE CMTY COLL	KANKAKEE	2		1		50.0-	Y	Y

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33484	KASKASKIA COLL	CENTRALIA	0		0			Y	N
33575	KELLER GRAD SCH MANAGEMNT	CHICAGO	12	E	9		25.0-	Y	Y
33485	KENDALL COLL	EVANSTON	12		13		8.3	Y	Y
33430B	KENNEDY-KING COLL	CHICAGO	37	E	2		94.6-	Y	Y
33486	KISHWAUKEE COLL	MALTA	19		18	E	5.3-	Y	N
33487	KNOX COLL	GALESBURG	61		60		1.6-	Y	Y
33488	LAKE COUNTY, COLL OF	GRAYSLAKE		N		N		N	N
33489	LAKE FOREST COLL	LAKE FOREST	13		40	E	207.7	Y	N
33582	LAKE FOREST GRAD SCH MGT	LAKE FOREST	0		0			Y	N
33490	LAKE LAND COLL	MATTOON	12		16		33.3	Y	Y
33560	LEWIS & CLARK CMTY COLL	GODFREY	0		1		**	Y	Y
33491	LEWIS UNIV	ROMEOVILLE	22		20		9.1-	Y	Y
33493	LINCOLN COLL	LINCOLN		N		N		N	N
33494	LINCOLN LAND CMTY COLL	SPRINGFIELD	10		5		50.0-	Y	N
33495	LOYOLA UNIV OF CHICAGO	CHICAGO	352		379		7.7	Y	Y
33496	LUTHERAN SCH THEO CHICAGO	CHICAGO	33		49		48.5	Y	Y
33497	MACCORMAC COLL	CHICAGO	15		14		6.7-	Y	Y
33498	MACMURRAY COLL	JACKSONVILLE	1		1		0.0	Y	Y
33430D	MALCOLM X COLL	CHICAGO	11		6		45.5-	Y	Y
33499	MALLINCKRODT COLL N SHORE	WILMETTE	19		14		26.3-	Y	Y
33502	MCHENRY COUNTY COLL	CRYSTAL LAKE	1		3		200.0	Y	N
33503	MCKENDREE COLL	LEBANON	0		15		**	Y	Y
33586	MENNONITE COLL OF NURSING	BLOOMINGTON	0		1		**	Y	Y
33576	MIDSTATE COLL	PEORIA	2		1		50.0-	Y	Y
33506	MILLIKIN UNIV	DECATUR	2		2		0.0	Y	Y
33507	MONMOUTH COLL	MONMOUTH	38		40		5.3	Y	Y
33456	MONTAY COLL	CHICAGO		N	5		**	Y	N
33509	MORAINE VALLEY CMTY COLL	PALOS HILLS	22		63		186.4	Y	Y
33510	MORTON COLL	CICERO	1		1		0.0	Y	Y
33511	MUNDELEIN COLL	CHICAGO	6		3		50.0-	Y	Y
33587	NAES COLL	CHICAGO	0			N		N	N
33512	NATIONAL-LOUIS UNIV	EVANSTON	20		18		10.0-	Y	Y
33583	NATIVE AMERICAN EDUC SERV	CHICAGO	0		0			Y	N
33565	NATL COLL OF CHIROPRACTIC	LOMBARD	48		54		12.5	Y	Y
33513	NORTH CENTRAL COLL	NAPERVILLE	24		22		8.3-	Y	Y
33514	NORTH PARK C & THEOL SEM	CHICAGO	11		3		72.7-	Y	Y
33515	NORTHEASTERN ILLINOIS U	CHICAGO	173		202		16.8	Y	Y
33516	NORTHERN BAPT THEOL SEM	LOMBARD	56		61		8.9	Y	Y
33517	NORTHERN ILLINOIS UNIV	DEKALB	704		700		0.6-	Y	Y
33518	NORTHWESTERN UNIV	EVANSTON	1,063		1,101		3.6	Y	Y
33558	OAKTON CMTY COLL	DES PLAINES		N		N		N	N
33430E	OLIVE-HARVEY COLL	CHICAGO	1			N		N	N
33519	OLIVET NAZARENE UNIV	KANKAKEE	40		40		0.0	Y	N
33520	PARKLAND COLL	CHAMPAIGN	46	E	46	L	0.0	Y	N
33521	PARKS COLL OF ST LOUIS U	CAHOKIA	116		118		1.7	Y	Y
33522	PRAIRIE STATE COLL	CHICAGO HEIGHTS	0		1		**	Y	Y
33524	PRINCIPIA COLL	ELSAH	47		64		36.2	Y	Y
33525	QUINCY COLL	QUINCY	6		6		0.0	Y	Y
33526	REND LAKE COLL	INA	2		4		100.0	Y	Y
33430F	RICHARD J DALEY COLL	CHICAGO	7	E	6	E	14.3-	Y	N
33568	RICHLAND CMTY COLL	DECATUR	1		0		100.0-	Y	N
33527	ROBERT MORRIS COLL	CHICAGO	2		2		0.0	Y	Y
33528	ROCK VALLEY COLL	ROCKFORD	4		7		75.0	Y	Y
33529	ROCKFORD COLL	ROCKFORD	40		31		22.5-	Y	Y
33530	ROOSEVELT UNIV	CHICAGO	469	E	349		25.6-	Y	Y
33531	ROSARY COLL	RIVER FOREST	36		55		52.8	Y	Y
33523	RUSH UNIV	CHICAGO	32		30		6.3-	Y	Y
33536	SANGAMON STATE UNIV	SPRINGFIELD	110		110		0.0	Y	Y
33537	SAUK VALLEY CMTY COLL	DIXON	5		2		60.0-	Y	Y
33538	SEABURY-WESTERN THEOL SEM	EVANSTON	1		2		100.0	Y	Y
33539	SHAWNEE COLL	ULLIN	3		1		66.7-	Y	Y
33541	SHIMER COLL	WAUKEGAN	0		0			Y	N
33547	SOUTH SUBURBAN COLL	SOUTH HOLLAND	7		3		57.1-	Y	Y
33544	SPERTUS COLL OF JUDAICA	CHICAGO	4	E	3		25.0-	Y	Y
33545	SPOON RIVER COLL	CANTON	14		17		21.4	Y	Y
33546	SPRINGFIELD COLL ILLINOIS	SPRINGFIELD	2		1		50.0-	Y	Y
33588	ST AUGUSTINE COLL	CHICAGO	2		0		100.0-	Y	N

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NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
33532	ST FRANCIS, COLL OF	JOLIET	0		0			Y	N
33535	ST XAVIER COLL	CHICAGO	13	L	17		30.8	Y	N
33559	STATE CMTY COLL	E SAINT LOUIS	0		0			Y	N
33542	STHESTN ILLINOIS COLL	HARRISBURG	4	E	2		50.0-	Y	Y
33543	STHN ILLINOIS U CARBONDL	CARBONDALE	2,615		2,627		0.5	Y	Y
33543A	STHN ILLINOIS U EDWARDSVL	EDWARDSVILLE	213		214		0.5	Y	Y
33549	TRINITY CHRISTIAN COLL	PALOS HEIGHTS	4		9		125.0	Y	N
33550	TRINITY COLL	DEERFIELD	14	L	17		21.4	Y	N
33562	TRINITY EVANGLCAL DIV SCH	DEERFIELD	101		137		35.6	Y	Y
33551	TRITON COLL	RIVER GROVE	50	E	20	E	60.0-	Y	Y
33552	VANDERCOOK COLL OF MUSIC	CHICAGO	3		1		66.7-	Y	Y
33553	WAUBONSEE CMTY COLL	SUGAR GROVE	1			N		N	N
33589	WEST SUBURBAN COLL NURSNG	OAK PARK	0		0			Y	N
33554	WESTERN ILLINOIS UNIV	MACOMB	530		584		10.2	Y	Y
33555	WHEATON COLL	WHEATON	55		53		3.6-	Y	Y
33430G	WILBUR WRIGHT COLL	CHICAGO	69	L	65		5.8-	Y	Y
33556	WM RAINEY HARPER COLL	PALATINE	33		49		48.5	Y	Y
	TOTAL ILLINOIS		16,816		17,771		5.7		
	INDIANA								
32400	ANCILLA COLL	DONALDSON	1		1		0.0	Y	N
32401	ANDERSON UNIV	ANDERSON	33		33		0.0	Y	Y
32402	BALL STATE UNIV	MUNCIE	281		341		21.4	Y	Y
32403	BETHEL COLL	MISHAWAKA	5		5		0.0	Y	N
32404	BUTLER UNIV	INDIANAPOLIS	20		46		130.0	Y	Y
32464	CALUMET COLL OF ST JOSEPH	WHITING	1		2		100.0	Y	Y
32405	CHRISTIAN THEOLOGICAL SEM	INDIANAPOLIS	3		8	E	166.7	Y	Y
32473	CONCORDIA THEOLOGICAL SEM	FORT WAYNE	17		11		35.3-	Y	Y
32408	DEPAUW UNIV	GREENCASTLE	39		51		30.8	Y	Y
32410	EARLHAM COLL	RICHMOND	32		32		0.0	Y	Y
32411	EVANSVILLE, UNIV OF	EVANSVILLE	132		172		30.3	Y	Y
32413	FRANKLIN COLL OF INDIANA	FRANKLIN	10		11		10.0	Y	Y
32471	GOSHEN BIBLICAL SEM	ELKHART	7		11		57.1	Y	Y
32414	GOSHEN COLL	GOSHEN	97		94		3.1-	Y	Y
32415	GRACE COLL	WINONA LAKE	11		10		9.1-	Y	Y
32416	HANOVER COLL	HANOVER	12		29		141.7	Y	Y
32418	HUNTINGTON COLL	HUNTINGTON	50		39		22.0-	Y	Y
32440A	IND U PURDUE FORT WAYNE	FORT WAYNE	19		29		52.6	Y	Y
32440	IND U PURDUE INDIANAPOLIS	INDIANAPOLIS	246		299	E	21.5	Y	Y
32466F	IND VOC TECH C-BLOOMINGTN	BLOOMINGTON		N	0			Y	N
32466E	IND VOC TECH C-FORT WAYNE	FORT WAYNE	9		4		55.6-	Y	Y
32466C	IND VOC TECH C-INDPLS	INDIANAPOLIS	10		30	E	200.0	Y	Y
32466G	IND VOC TECH C-KOKOMO	KOKOMO		N		N		N	N
32466	IND VOC TECH C-LAFAYETTE	LAFAYETTE	1		4		300.0	Y	Y
32466I	IND VOC TECH C-MUNCIE	MUNCIE		N		N		N	N
32466J	IND VOC TECH C-NORTHWEST	GARY	2		1		50.0-	Y	Y
32466H	IND VOC TECH C-SELLERSBRG	SELLERSBURG		N	0			Y	N
32466A	IND VOC TECH C-SOUTH BEND	SOUTH BEND	1		1		0.0	Y	Y
32466K	IND VOC TECH C-SOUTHEAST	MADISON	0		0			Y	N
32466D	IND VOC TECH C-SOUTHWEST	EVANSVILLE	0		0			Y	N
32466B	IND VOC TECH C-TERRE HAUT	TERRE HAUTE	0		7		**	Y	Y
32466L	IND VOC TECH C-WHITEWATER	RICHMOND	0		0			Y	N
32421	INDIANA INST TECHNOLOGY	FORT WAYNE	126	E	132	E	4.8	Y	N
32422	INDIANA STATE UNIV	TERRE HAUTE	657		653		0.6-	Y	Y
32430	INDIANA U AT BLOOMINGTON	BLOOMINGTON	2,066		2,131		3.1	Y	Y
32430C	INDIANA U AT KOKOMO	KOKOMO	0		1		**	Y	Y
32430E	INDIANA U AT SOUTH BEND	SOUTH BEND	76		125		64.5	Y	Y
32430A	INDIANA U EAST	RICHMONDTON	1		6		500.0	Y	Y
32430D	INDIANA U NORTHWEST	GARY	4		2		50.0-	Y	Y
32430F	INDIANA U SOUTHEAST	NEW ALBANY	2		4		100.0	Y	Y
32445	INDIANA WESLEYAN UNIV	MARION	13		15		15.4	Y	N
32419	INDIANAPOLIS, UNIV OF	INDIANAPOLIS	74		97		31.1	Y	Y
32442	MANCHESTER COLL	N MANCHESTER	29		24		17.2-	Y	Y
32443	MARIAN COLL	INDIANAPOLIS	24		19		20.8-	Y	Y
32476	MARTIN CENTER COLL	INDIANAPOLIS	0			N		N	N

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NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
32446	MENNONITE BIBLICAL SEM	ELKHART	34		37		8.8	Y	Y
32447	NOTRE DAME, UNIV OF	NOTRE DAME	564		645		14.4	Y	Y
32448	OAKLAND CITY COLL	OAKLAND CITY	6		4		33.3-	Y	Y
32450	PURDUE U MAIN CAMPUS	WEST LAFAYETTE	2,277		2,317		1.8	Y	Y
32450C	PURDUE U NORTH CEN CAMPUS	WESTVILLE	0		0			Y	N
32451	ROSE-HULMAN INST OF TECH	TERRE HAUTE	55		45		18.2-	Y	Y
32422A	SOUTHERN INDIANA, UNIV OF	EVANSVILLE	55		59		7.3	Y	Y
32452	ST FRANCIS COLL	FORT WAYNE	3		4		33.3	Y	Y
32453	ST JOSEPH'S COLL	RENSSELAER	8		6		25.0-	Y	Y
32454	ST MARY OF THE WOODS COLL	ST MARY WOODS	11		12		9.1	Y	Y
32455	ST MARY'S COLL	NOTRE DAME	19		18		5.3-	Y	Y
32472	ST MEINRAD COLL	SAINT MEINRAD	8		10		25.0	Y	Y
32456	ST MEINRAD SCH THEOLOGY	SAINT MEINRAD	1		2		100.0	Y	Y
32612	SUMMIT CHRISTIAN COLL	FORT WAYNE			2	F	**	Y	Y
32457	TAYLOR UNIV	UPLAND	23		33		43.5	Y	Y
32458	TRI-STATE UNIV	ANGOLA	140		121		13.6-	Y	Y
32460	VALPARAISO UNIV	VALPARAISO	65		68		4.6	Y	Y
32461	VINCENNES UNIV	VINCENNES	170		166		2.4-	Y	N
32462	WABASH COLL	CRAWFORDSVILLE	25		32		28.0	Y	Y
	TOTAL INDIANA		7,575		8,061		6.4		
	IOWA								
42460	AMERICAN INST OF BUSINESS	DES MOINES	0		0			Y	N
42402	BRIAR CLIFF COLL	SIOUX CITY	12		10		16.7-	Y	Y
42403	BUENA VISTA COLL	STORM LAKE	10		12		20.0	Y	Y
42404	CENTRAL COLL OF IOWA	PELLA	33		35		6.1	Y	Y
42405	CLARKE COLL	DUBUQUE	7		9		28.6	Y	Y
42413A	CLINTON CMTY COLL	CLINTON	2		3		50.0	Y	Y
42406	COE COLL	CEDAR RAPIDS	122		105		13.9-	Y	Y
42407	CORNELL COLL	MOUNT VERNON	22		25		13.6	Y	Y
42408A	DES MOINES AREA CMTY COLL	ANKENY	47		73		55.3	Y	N
42409	DIVINE WORD COLL	EPWORTH	12		12		0.0	Y	Y
42410	DORDT COLL	SIOUX CENTER	114		129		13.2	Y	Y
42411	DRAKE UNIV	DES MOINES	146		156		6.8	Y	Y
42412A	DUBUQUE THEO SEM, UNIV OF	DUBUQUE	2		2		0.0	Y	Y
42412	DUBUQUE, UNIV OF	DUBUQUE	110		141		28.2	Y	Y
42414	ELLSWORTH CMTY COLL	IOWA FALLS	10		12		20.0	Y	Y
42415	GRACELAND COLL	LAMONI	54		78		44.4	Y	Y
42416	GRAND VIEW COLL	DES MOINES	28		25		10.7-	Y	Y
42417	GRINNELL COLL	GRINNELL	81		93		14.8	Y	Y
42452	HAWKEYE INST TECHNOLOGY	WATERLOO	5		7		40.0	Y	Y
42418A	INDIAN HILLS CMTY COLL	OTTUMWA	3		3		0.0	Y	Y
42419B	IOWA CENTRAL CMTY COLL	FORT DODGE	20		24		20.0	Y	Y
42420A	IOWA LAKES CMTY COLL	ESTHERVILLE	4		2		50.0-	Y	Y
42421	IOWA STATE UNIV	AMES	2,160		2,171		0.5	Y	Y
42423	IOWA WESLEYAN COLL	MOUNT PLEASANT	38		59		55.3	Y	Y
42424	IOWA WESTERN CMTY COLL	COUNCIL BLUFFS	9		3		66.7-	Y	Y
42422	IOWA, UNIV OF	IOWA CITY	1,888		1,925		2.0	Y	Y
42425	KIRKWOOD CMTY COLL	CEDAR RAPIDS	177	E	205	E	15.8	Y	Y
42426	LORAS COLL	DUBUQUE	42		47		11.9	Y	Y
42427	LUTHER COLL	DECORAH	66	L	107		62.1	Y	Y
42459	MAHARISHI INTERNATL UNIV	FAIRFIELD	810		578		28.6-	Y	Y
42428	MARSHALLTOWN CMTY COLL	MARSHALLTOWN	16		12		25.0-	Y	Y
42429	MARYCREST COLL	DAVENPORT	21		39		85.7	Y	Y
42430	MORNINGSIDE COLL	SIOUX CITY	18		35		94.4	Y	Y
42431	MOUNT MERCY COLL	CEDAR RAPIDS	8		7		12.5-	Y	Y
42433	MOUNT ST CLARE COLL	CLINTON	4		11		175.0	Y	Y
42413B	MUSCATINE CMTY COLL	MUSCATINE	20		11		45.0-	Y	Y
42434	NORTH IOWA AREA CMTY COLL	MASON CITY	2		2		0.0	Y	Y
42454	NORTHEAST IOWA CMTY COLL	CALMAR	0			N		N	N
42435	NORTHERN IOWA, UNIV OF	CEDAR FALLS	180		200		11.1	Y	Y
42461	NORTHWEST IOWA TECH COLL	SHELDON	0		0			Y	N
42436	NORTHWESTERN COLL	ORANGE CITY	41		59		43.9	Y	Y
42458	PALMER COLL CHIROPRACTIC	DAVENPORT	161		167		3.7	Y	Y
42413C	SCOTT CMTY COLL	BETTENDORF	56		70	E	25.0	Y	Y

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42441	SIMPSON COLL	INDIANOLA	6		4		33.3-	Y	Y
42443A	SOUTHEASTERN CC BURLINGTN	W BURLINGTON	8		5		37.5-	Y	N
42443B	SOUTHEASTERN CC KEOKUK	KEOKUK	2		0		100.0-	Y	N
42444	SOUTHWESTERN CMTY COLL	CRESTON	7		10		42.9	Y	Y
42440	ST AMBROSE UNIV	DAVENPORT	9		20		122.2	Y	Y
42450	TEIKYO WESTMAR UNIV	LE MARS	11		209		800.0	Y	Y
42445	UPPER IOWA UNIV	FAYETTE	0		8		**	Y	Y
42447	WALDORF COLL	FOREST CITY	20		27		35.0	Y	Y
42448	WARTBURG COLL	WAVERLY	91		103		13.2	Y	Y
42449	WARTBURG THEOLOGICAL SEM	DUBUQUE	13		17		30.8	Y	Y
42457	WESTERN IOWA TECH	SIOUX CITY	1		5		400.0	Y	Y
42451	WILLIAM PENN COLL	OSKALOOSA	6		7		16.7	Y	Y
	TOTAL IOWA		6,735		7,079		5.1		
	KANSAS								
47400	ALLEN COUNTY CMTY COLL	IOLA	15		15		0.0	Y	Y
47401	BAKER UNIV	BALDWIN CITY	13		25		92.3	Y	Y
47402	BARTON COUNTY CMTY COLL	GREAT BEND	10		18		80.0	Y	Y
47403	BENEDICTINE COLL	ATCHISON	39		39		0.0	Y	Y
47404	BETHANY COLL	LINDSBORG	18		17		5.6-	Y	Y
47405	BETHEL COLL	NORTH NEWTON	30		24		20.0-	Y	Y
47455	BROWN MACKIE COLL, THE	SOUTH SANTA FE	0			N		N	N
47406	BUTLER COUNTY CMTY COLL	EL DORADO	57		70		22.8	Y	Y
47407	CENTRAL BAPTIST THEOL SEM	KANSAS CITY	2		2		0.0	Y	Y
47408	CENTRAL COLL	MCPHERSON	3		4		33.3	Y	Y
47409	CLOUD COUNTY CMTY COLL	CONCORDIA	4		3	E	25.0-	Y	N
47410	COFFEYVILLE CMTY COLL	COFFEYVILLE	56		31		44.6-	Y	Y
47411	COLBY CMTY COLL	COLBY	15		9		40.0-	Y	Y
47412	COWLEY COUNTY CMTY COLL	ARKANSAS CITY	9		8		11.1-	Y	Y
47413	DODGE CITY CMTY COLL	DODGE CITY	2		4		100.0	Y	Y
47414	DONNELLY COLL	KANSAS CITY	134		137		2.2	Y	Y
47429	EMPORIA STATE UNIV	EMPORIA	247		257		4.0	Y	Y
47416	FORT HAYS STATE UNIV	HAYS	75		108		44.0	Y	Y
47417	FORT SCOTT CMTY COLL	FORT SCOTT	20		20		0.0	Y	Y
47419	FRIENDS UNIV	WICHITA	110		125	E	13.6	Y	N
47420	GARDEN CITY CMTY COLL	GARDEN CITY	4		7		75.0	Y	Y
47422	HESSTON COLL	HESSTON	63		84		33.3	Y	Y
47423	HIGHLAND CMTY COLL	HIGHLAND	1		0		100.0-	Y	N
47424	HUTCHINSON CMTY COLL	HUTCHINSON	20		9		55.0-	Y	Y
47425	INDEPENDENCE CMTY COLL	INDEPENDENCE	21		52		147.6	Y	Y
47426	JOHNSON COUNTY CMTY COLL	OVERLAND PARK	40	E	46		15.0	Y	Y
47427	KANSAS CITY KANSAS CC	KANSAS CITY	6		6		0.0	Y	Y
47453	KANSAS COLL OF TECHNOLOGY	SALINA	2		5		150.0	Y	Y
47431A	KANSAS MEDICAL CTR, U OF	KANSAS CITY	68		74		8.8	Y	Y
47442	KANSAS NEWMAN COLL	WICHITA	24		24	E	0.0	Y	N
47430	KANSAS STATE UNIV	MANHATTAN	1,136		1,162		2.3	Y	Y
47432	KANSAS WESLEYAN UNIV	SALINA	9		17		88.9	Y	Y
47431	KANSAS, UNIV OF	LAWRENCE	1,837		1,870		1.8	Y	Y
47433	LABETTE CMTY COLL	PARSONS	7		11		57.1	Y	Y
47436	MCPHERSON COLL	MCPHERSON	31		33		6.5	Y	Y
47437	MID AMERICA NAZARENE COLL	OLATHE	32	E	34		6.3	Y	Y
47439	NEOSHO COUNTY CMTY COLL	CHANUTE	9		9		0.0	Y	Y
47440	OTTAWA UNIV-OTTAWA CAMPUS	OTTAWA	63		65		3.2	Y	Y
47428	PITTSBURG STATE UNIV	PITTSBURG	374		402		7.5	Y	Y
47441	PRATT CMTY COLL	PRATT	1		3	E	200.0	Y	N
47446	SEWARD COUNTY CMTY COLL	LIBERAL	0			N		N	N
47447	SOUTHWESTERN COLL	WINFIELD	4		4		0.0	Y	Y
47444	ST MARY COLL	LEAVENWORTH	29		28		3.4-	Y	Y
47445	ST MARY PLAINS COLL	DODGE CITY	36		42		16.7	Y	Y
47448	STERLING COLL	STERLING	9		9		0.0	Y	N
47449	TABOR COLL	HILLSBORO	7		23		228.6	Y	Y
47454	US ARMY COMND GEN STAFF C	FT LEAVENWORTH	97		94		3.1-	Y	Y
47450	WASHBURN UNIV OF TOPEKA	TOPEKA	86		105		22.1	Y	Y
47451	WICHITA STATE UNIV	WICHITA	1,134		1,201		5.9	Y	Y
	TOTAL KANSAS		6,009		6,335		5.4		

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		KENTUCKY							
61400	ALICE LLOYD COLL	PIPPA PASSES	0		3		**	Y	Y
61401	ASBURY COLL	WILMORE	25		26		4.0	Y	Y
61402	ASBURY THEOLOGICAL SEM	WILMORE	37		42		13.5	Y	Y
614208	ASHLAND CMTY COLL	ASHLAND	2		0		100.0-	Y	N
61403	BELLARMINE COLL	LOUISVILLE	14	E	14		0.0	Y	Y
61404	BEREA COLL	BEREA	76		79		3.9	Y	Y
61405	BRESCIA COLL	OWENSBORO	7		6		14.3-	Y	Y
61406	CAMPBELLSVILLE COLL	CAMPBELLSVILLE	8	E	12		50.0	Y	Y
61407	CENTRE COLL	DANVILLE	7		2		71.4-	Y	Y
61408	CUMBERLAND COLL	WILLIAMSBURG	65		50		23.1-	Y	Y
61409	EASTERN KENTUCKY UNIV	RICHMOND	136		120		11.8-	Y	Y
61420C	ELIZABETHTOWN CMTY COLL	ELIZABETHTOWN	0		1		**	Y	Y
61410	GEORGETOWN COLL	GEORGETOWN	15		25		66.7	Y	Y
61420E	HAZARD CMTY COLL	HAZARD	0		0			Y	N
61420F	HENDERSON CMTY COLL	HENDERSON	0			N		N	N
61420G	HOPKINSVILLE CMTY COLL	HOPKINSVILLE	1		0		100.0-	Y	N
61420H	JEFFERSON CMTY COLL	LOUISVILLE	85	E	94		10.6	Y	Y
61411	KENTUCKY CHRISTIAN COLL	GRAYSON	5		7		40.0	Y	Y
61412	KENTUCKY STATE UNIV	FRANKFORT	34	L	33		2.9-	Y	N
61430	KENTUCKY WESLEYAN COLL	OWENSBORO	9		13		44.4	Y	Y
61420	KENTUCKY, UNIV OF	LEXINGTON	895		1,073		19.9	Y	Y
61431	LEES COLL	JACKSON	13		14		7.7	Y	Y
614200	LEXINGTON CMTY COLL	LEXINGTON	3		6		100.0	Y	Y
61432	LEXINGTON THEOLOGICAL SEM	LEXINGTON	3		3		0.0	Y	Y
61433	LINDSEY WILSON COLL	COLUMBIA	11		18		63.6	Y	Y
61435	LOUISVILLE, UNIV OF	LOUISVILLE	454		520		14.5	Y	Y
61434	LOUISVL PRESB THEOL SEM	LOUISVILLE	5		6		20.0	Y	Y
61420I	MADISONVILLE CMTY COLL	MADISONVILLE	1		0		100.0-	Y	N
61420J	MAYSVILLE CMTY COLL	MAYSVILLE	0		0			Y	N
61458	MID-CONTINENT BAPTIST C	MAYFIELD	2		2		0.0	Y	Y
61436	MIDWAY COLL	MIDWAY	84	L		N		N	N
61437	MOREHEAD STATE UNIV	MOREHEAD	72		77		6.9	Y	Y
61438	MURRAY STATE UNIV	MURRAY	101		113		11.9	Y	Y
61439	NORTHERN KENTUCKY UNIV	HIGHLAND HTS	87		75	E	13.8-	Y	Y
61420K	PADUCAH CMTY COLL	PADUCAH	3		0		100.0-	Y	N
61440	PIKEVILLE COLL	PIKEVILLE	4	E	4		0.0	Y	Y
61420L	PRESTONBURG CMTY COLL	PRESTONBURG	1		1		0.0	Y	Y
61420M	SOMERSET CMTY COLL	SOMERSET	3		2		33.3-	Y	Y
61420N	SOUTHEAST CMTY COLL	CUMBERLAND	0			N		N	N
61444	SOUTHERN BAPT THEOL SEM	LOUISVILLE	80		78		2.5-	Y	Y
61445	SPALDING UNIV	LOUISVILLE	14		14		0.0	Y	Y
61441	ST CATHARINE COLL	SAINT CATHARINE	16		13		18.8-	Y	Y
61446	SUE BENNETT COLL	LONDON	0		3		**	Y	Y
61454	SULLIVAN JR COLL BUSINESS	LOUISVILLE	1		5		400.0	Y	Y
61447	THOMAS MORE COLL	CRESTVIEW HILLS	13		14		7.7	Y	Y
61448	TRANSYLVANIA UNIV	LEXINGTON	9		11		22.2	Y	Y
61449	UNION COLL	BARBOURVILLE	7		2		71.4-	Y	Y
61453	WATTERSON COLL	LOUISVILLE	0			N		N	N
61450	WESTERN KENTUCKY UNIV	BOWLING GREEN	135		124		8.1-	Y	Y
	TOTAL KENTUCKY		2,543		2,705		6.4		
		LOUISIANA							
72438	BOSSIER PARISH CMTY COLL	BOSSIER CITY	0		4		**	Y	Y
72400	CENTENARY COLL LOUISIANA	SHREVEPORT	11		17	E	54.5	Y	N
72402	DELGADO CMTY COLL	NEW ORLEANS	250	E	250		0.0	Y	Y
72403	DILLARD UNIV	NEW ORLEANS	24	L	15		37.5-	Y	Y
72404	GRAMBLING STATE UNIV	GRAMBLING	120		113		5.8-	Y	N
72410C	LA STATE U ALEXANDRIA	ALEXANDRIA	2		4		100.0	Y	Y
72410	LA STATE U BATON ROUGE	BATON ROUGE	1,177		1,483		26.0	Y	Y
724100	LA STATE U EUNICE	EUNICE	0		0			Y	N
72410F	LA STATE U SHREVEPORT	SHREVEPORT	9		9		0.0	Y	Y
72420	LA TECH UNIV	RUSTON	263		253		3.8-	Y	Y

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72405	LOUISIANA COLL	PINEVILLE	9	13	44.4	Y	Y
72421	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	148 E	173	16.9	Y	Y
72422	MCNEESE STATE UNIV	LAKE CHARLES	88	85	3.4-	Y	Y
72424	NEW ORLEANS BAPT THEO SEM	NEW ORLEANS	10	7	30.0-	Y	Y
72410E	NEW ORLEANS, UNIV OF	NEW ORLEANS	274	324	18.2	Y	Y
72425	NICHOLLS STATE UNIV	THIBODAUX	22	24	9.1	Y	Y
72426	NORTHEAST LOUISIANA UNIV	MONROE	293	294	0.3	Y	Y
72428	NOTRE DAME SEM SCH THEO	NEW ORLEANS	8	12	50.0	Y	Y
72427	NTHWSTN STATE UNIV OF LA	NATCHITOCHES	42	32	23.8-	Y	Y
72429	OUR LADY HOLY CROSS COLL	NEW ORLEANS	1	3	200.0	Y	Y
72437	ST BERNARD PARISH CC	CHALMETTE	N	N		N	N
72430	ST JOSEPH SEM COLL	SAINT BENEDICT	0	1	**	Y	Y
72432	STHESTN LOUISIANA UNIV	HAMMOND	61	59	3.3-	Y	Y
72433	STHN U A&M COLL MAIN CAM	BATON ROUGE	1,100 E	278 E	74.7-	Y	N
72433A	STHN U NEW ORLEANS CAM	NEW ORLEANS	90	95 E	5.6	Y	Y
72433B	STHN U SHREVEPORT-BOSSIER	SHREVEPORT	4	2	50.0-	Y	N
72434	STHWSTN LOUISIANA, U OF	LAFAYETTE	854	850 E	0.5-	Y	N
72435	TULANE UNIV OF LOUISIANA	NEW ORLEANS	581 E	561 E	3.4-	Y	Y
72436	XAVIER UNIV OF LOUISIANA	NEW ORLEANS	94	79	16.0-	Y	Y
	TOTAL LOUISIANA		5,535	5,040	8.9-		
	MAINE						
11428	ATLANTIC, COLL OF THE	BAR HARBOR	4	6	50.0	Y	Y
11401	BANGOR THEOLOGICAL SEM	BANGOR	0	1	**	Y	Y
11402	BATES COLL	LEWISTON	34	33	2.9-	Y	Y
11429	BEAL COLL	BANGOR	3	6	100.0	Y	Y
11404	BOWDOIN COLL	BRUNSWICK	30	30	0.0	Y	Y
11437	CENTRAL MAINE TECH COLL	AUBURN	1	0	100.0-	Y	N
11438	CNTRL MAINE MED CTR NRSNG	LEWISTON	0	0		Y	N
11405	COLBY COLL	WATERVILLE	31	31	0.0	Y	Y
11430	ESTN MAINE TECHNICAL COLL	BANGOR	1	4	300.0	Y	Y
11406	HUSSON COLL	BANGOR	51	50	2.0-	Y	Y
11439	KENNEBEC VLY TECH COLL	FAIRFIELD	1	3	200.0	Y	Y
11410A	MAINE AT AUGUSTA, UNIV OF	AUGUSTA	0	10 E	**	Y	N
11410C	MAINE AT FARMINGTON, U OF	FARMINGTON	17	22	29.4	Y	Y
11410D	MAINE AT FORT KENT, U OF	FORT KENT	31	42	35.5	Y	Y
11410E	MAINE AT MACHIAS, UNIV OF	MACHIAS	21	45 E	114.3	Y	N
11410H	MAINE AT PRESQUE ISLE, U	PRESQUE ISLE	81	110	35.8	Y	Y
11408	MAINE MARITIME ACAD	CASTINE	40	36	10.0-	Y	Y
11410	MAINE, UNIV OF	ORONO	414	460	11.1	Y	Y
11423	NEW ENGLAND, UNIV OF	BIDDEFORD	21	18	14.3-	Y	Y
11433	NTHN MAINE TECH COLL	PRESQUE ISLE	6	6	0.0	Y	Y
11432	PORTLAND SCH OF ART	PORTLAND	8	6	25.0-	Y	Y
11424	ST JOSEPH'S COLL	WINDHAM	5	7	40.0	Y	Y
11431	STHN MAINE VOC TECH INST	S PORTLAND	4	5	25.0	Y	Y
11410G	STHN MAINE, UNIV OF	PORTLAND	68	76	11.8	Y	Y
11425	THOMAS COLL	WATERVILLE	7	8	14.3	Y	Y
11427	UNITY COLL	UNITY	10	8	20.0-	Y	Y
11426	WESTBROOK COLL	PORTLAND	13	24	84.6	Y	Y
	TOTAL MAINE		902	1,047	16.1		
	MARYLAND						
52400	ALLEGANY CMTY COLL	CUMBERLAND	7	10	42.9	Y	Y
52402	ANNE ARUNDEL CMTY COLL	ARNOLD	22	14	36.4-	Y	Y
52406	BALTIMORE HEBREW UNIV	BALTIMORE	4	7 E	75.0	Y	Y
52407	BALTIMORE, UNIV OF	BALTIMORE	104	111	6.7	Y	Y
52408	BOWIE STATE UNIV	BOWIE	185 E	185 E	0.0	Y	N
52409	CAPITOL COLL	LAUREL	28	33 E	17.9	Y	Y
52411	CATONSVILLE CMTY COLL	CATONSVILLE	394 E	600 E	52.3	Y	N
52455	CECIL CMTY COLL	NORTH EAST	1	0	100.0-	Y	N
52412	CHARLES COUNTY CMTY COLL	LA PLATA	3	5	66.7	Y	Y
52413	CHESAPEAKE COLL	WYE MILLS	1	2	100.0	Y	Y
52414	COLUMBIA UNION COLL	TAKOMA PARK	54	61	13.0	Y	Y

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52415	COPPIN STATE COLL	BALTIMORE	80		72		10.0-	Y	Y
52416	DUNDALK CMTY COLL	BALTIMORE	3		5		66.7	Y	Y
52417	ESSEX CMTY COLL	BALT COUNTY	61		67		9.8	Y	Y
52418	FREDERICK CMTY COLL	FREDERICK	2		1		50.0-	Y	Y
52419	FROSTBURG STATE UNIV	FROSTBURG	22		23		4.5	Y	Y
52451	GARRETT CMTY COLL	MCHENRY	0		0			Y	N
52420	GOUCHER COLL	BALTIMORE	18		18		0.0	Y	Y
52421	HAGERSTOWN JR COLL	HAGERSTOWN	2		9		350.0	Y	Y
52422	HARFORD CMTY COLL	BEL AIR	5	E	7	E	40.0	Y	Y
52424	HOOD COLL	FREDERICK	34		36		5.9	Y	Y
52454	HOWARD CMTY COLL	COLUMBIA	21		40		90.5	Y	Y
52426	JOHNS HOPKINS UNIV	BALTIMORE	518		519		0.2	Y	Y
52427	LOYOLA COLL	BALTIMORE	30		39		30.0	Y	Y
52429B	MARYLAND AT BALTIMORE, U	BALTIMORE	147		186		26.5	Y	Y
52429C	MARYLAND BALTIMORE CO, U	BALTIMORE	294		345		17.3	Y	Y
52429	MARYLAND COLLEGE PARK, U	COLLEGE PARK	2,397		2,462		2.7	Y	Y
52429D	MARYLAND EASTERN SHORE, U	PRINCESS ANNE	85	E	111	E	30.6	Y	Y
52428	MARYLAND INST COLL OF ART	BALTIMORE	43		40	E	7.0-	Y	N
52429E	MARYLAND UNIV COLL, U OF	COLLEGE PARK	6		357		850.0	Y	Y
52431C	MONTGOMERY C GERMANTOWN	GERMANTOWN	39		40		2.6	Y	N
52431A	MONTGOMERY C ROCKVILLE	ROCKVILLE	1,063		1,108		4.2	Y	N
52431B	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	382		365		4.5-	Y	N
52432	MORGAN STATE UNIV	BALTIMORE	54		155		187.0	Y	Y
52434	MOUNT ST MARY'S COLL	EMMITSBURG	10	E	12	E	20.0	Y	N
52405	NEW CMTY COLL BALTIMORE	BALTIMORE	241	L	176	E	27.0-	Y	Y
52436	NOTRE DAME MD, COLL OF	BALTIMORE	55		40		27.3-	Y	Y
52437	PEABODY I JOHNS HOPKINS U	BALTIMORE	80		108		35.0	Y	Y
52438	PRINCE GEORGE'S CMTY COLL	LARGO	123		118		4.1-	Y	Y
52444	SALISBURY STATE UNIV	SALISBURY	17		19		11.8	Y	Y
52460	SOJOURNER-DOUGLAS COLL	BALTIMORE	13		14		7.7	Y	N
52440	ST JOHN'S COLL MAIN CAM	ANNAPOLIS	9		10		11.1	Y	Y
52442	ST MARY'S COLL MARYLAND	ST MARY'S CITY	6		20		233.3	Y	Y
52443	ST MARY'S SEM UNIV	BALTIMORE	2		2		0.0	Y	Y
52445	TOWSON STATE UNIV	TOWSON	208		227		9.1	Y	Y
52446	US NAVAL ACAD	ANNAPOLIS	38		40		5.3	Y	Y
52447	VILLA JULIE COLL	STEVENSON	0		0			Y	N
52449	WASHINGTON COLL	CHESTERTOWN	16		18		12.5	Y	Y
52453	WASHINGTON THEOL UNION	SILVER SPRING	4		7		75.0	Y	Y
52450	WESTERN MARYLAND COLL	WESTMINSTER	21		21		0.0	Y	Y
52458	WOR-WIC TECH CMTY COLL	SALISBURY	0		0			Y	N
	TOTAL MARYLAND		6,952		7,865		13.1		
	MASSACHUSETTS								
14401	AMERICAN INTERNATL COLL	SPRINGFIELD	88		73	E	17.0-	Y	Y
14402	AMHERST COLL	AMHERST	46		46		0.0	Y	Y
14403	ANDOVER NEWTON THEOL SCH	NEWTON CENTRE	21		21	L	0.0	Y	N
14405	ANNA MARIA COLL	PAXTON	33		27		18.2-	Y	Y
14537A	AQUINAS COLL AT NEWTON	NEWTON	5		5		0.0	Y	Y
14537	AQUINAS JR COLL AT MILTON	MILTON	0		0			Y	N
14554	ARTHUR LITTLE MGT ED INST	CAMBRIDGE	181		214		18.2	Y	Y
14406	ASSUMPTION COLL	WORCESTER	16		15		6.3-	Y	Y
14407	ATLANTIC UNION COLL	S LANCASTER	126	L	161		27.8	Y	Y
14409	BABSON COLL	BABSON PARK	173	E	150	E	13.3-	Y	N
14410	BAY PATH COLL	LONGMEADOW	20		34	E	70.0	Y	Y
14541	BAY STATE COLL	BOSTON	17		15		11.8-	Y	Y
14450	BECKER JR COLL LEICESTER	LEICESTER	52		21		59.6-	Y	N
14411	BECKER JR COLL WORCESTER	WORCESTER	20		39		95.0	Y	N
14413	BENTLEY COLL	WALTHAM	248		310		25.0	Y	Y
14540	BERKLEE COLL OF MUSIC	BOSTON	644		699		8.5	Y	Y
14460A	BERKSHIRE CMTY COLL	PITTSFIELD	52		55		5.8	Y	Y
14419	BOSTON COLL	CHESTNUT HILL	509		565		11.0	Y	Y
14420	BOSTON CONSERVATORY	BOSTON	35		42		20.0	Y	Y
14421	BOSTON UNIV	BOSTON	3,248		3,633		11.9	Y	Y
14422	BRADFORD COLL	BRADFORD	48	L	57	E	18.8	Y	N
14423	BRANDEIS UNIV	WALTHAM	404		417		3.2	Y	Y

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14480B	BRIDGEWATER STATE COLL	BRIDGEWATER	60		52		13.3-	Y	Y
14460B	BRISTOL CMTY COLL	FALL RIVER	34		23		32.4-	Y	Y
14460N	BUNKER HILL CMTY COLL	BOSTON	679	E	628	E	7.5-	Y	N
14559	CAMBRIDGE COLL	CAMBRIDGE	9		4		55.6-	Y	Y
14460C	CAPE COD CMTY COLL	W BARNSTABLE	6		7		16.7	Y	Y
14569	CENTRAL NEW ENGLAND COLLS	WORCESTER	17	L		Z			
14429	CLARK UNIV	WORCESTER	319		336		5.3	Y	Y
14560	CONWAY SCH LANDSCAPE DSGN	CONWAY	0		1		**	Y	Y
14430	CURRY COLL	MILTON	6		20		233.3	Y	Y
14431	DEAN JR COLL	FRANKLIN	19		24		26.3	Y	Y
14432	EASTERN NAZARENE COLL	QUINCY	27	L	26	E	3.7-	Y	N
14433	EMERSON COLL	BOSTON	97		99		2.1	Y	Y
14434	EMMANUEL COLL	BOSTON	43	E	81		88.4	Y	Y
14435	ENDICOTT COLL	BEVERLY	51		43		15.7-	Y	Y
14437	FISHER COLL	BOSTON	19	E	41	E	115.8	Y	Y
14480C	FITCHBURG STATE COLL	FITCHBURG	22		22		0.0	Y	Y
14480D	FRAMINGHAM STATE COLL	FRAMINGHAM	32	L	27		15.6-	Y	N
14439	FRANKLIN INST OF BOSTON	BOSTON	23		24		4.3	Y	Y
14441	GORDON COLL	WENHAM	32		30	E	6.3-	Y	Y
14460D	GREENFIELD CMTY COLL	GREENFIELD	19		16		15.8-	Y	Y
14443	HAMPSHIRE COLL	AMHERST	43		35		18.6-	Y	Y
14444	HARVARD UNIV	CAMBRIDGE	2,246		2,409		7.3	Y	Y
14445	HEBREW COLL	BROOKLINE	16	E	19		18.8	Y	Y
14446	HELLENIC COLL	BROOKLINE	22		27	E	22.7	Y	N
14447	HOLY CROSS, COLL OF THE	WORCESTER	6		11		83.3	Y	Y
14460E	HOLYOKE CMTY COLL	HOLYOKE	6		15		150.0	Y	Y
14547	LABOURE COLL	BOSTON	3		3		0.0	Y	Y
14449	LASELL COLL	NEWTON	48		57		18.8	Y	Y
14451	LESLEY COLL	CAMBRIDGE	75	E	309		312.0	Y	N
14452	LOWELL, UNIV OF	LOWELL	444		638		43.7	Y	Y
14556	MARIAN COURT JR COLL	SWAMPSCOTT	0		0			Y	N
14490	MASS AMHERST CAMPUS,U OF	AMHERST	1,639		1,701		3.8	Y	Y
14460F	MASS BAY CMTY COLL	WELLESLEY HILLS	123		134		8.9	Y	Y
144908	MASS BOSTON CAMPUS, U OF	BOSTON	392		310		20.9-	Y	Y
14457	MASS C PHARMCY & HLTH SCI	BOSTON	95	E	32		66.3-	Y	Y
14480F	MASS COLL OF ART	BOSTON	47		68		44.7	Y	N
14471	MASS INST OF TECHNOLOGY	CAMBRIDGE	2,049		2,103		2.6	Y	Y
14480G	MASS MARITIME ACADEMY	BUZZARDS BAY	46		33		28.3-	Y	Y
14557	MASS SCH PROF PSYCHOLOGY	DEDHAM	1		3		200.0	Y	Y
14460G	MASSASOIT CMTY COLL	BROCKTON	13		12		7.7-	Y	Y
14491	MERRIMACK COLL	NORTH ANDOVER	27		31		14.8	Y	Y
14460H	MIDDLESEX CMTY COLL	BEDFORD	0		3		**	Y	Y
14492	MOUNT HOLYOKE COLL	SOUTH HADLEY	187		197		5.3	Y	Y
14493	MOUNT IDA COLL	NEWTON CENTRE	116	E	116	E	0.0	Y	Y
14460I	MOUNT WACHUSETT CMTY COLL	GARDNER	9		6		33.3-	Y	Y
14456	NEW ENG COLL OF OPTOMETRY	BOSTON	35		39		11.4	Y	Y
14494	NEW ENG CONSV OF MUSIC	BOSTON	161		200		24.2	Y	Y
14558	NEW ENGLAND BANKING INST	BOSTON	0		0			Y	N
14546	NEWBURY COLL	BROOKLINE	118		158		33.9	Y	Y
14500	NICHOLS COLL	DUDLEY	18		27		50.0	Y	Y
14480H	NORTH ADAMS STATE COLL	NORTH ADAMS	5		0		100.0-	Y	N
14460J	NORTH SHORE CMTY COLL	BEVERLY	26		23		11.5-	Y	Y
14502	NORTHEASTERN UNIV	BOSTON	2,288		2,385	E	4.2	Y	Y
14460K	NORTHERN ESSEX CMTY COLL	HAVERHILL	30		14		53.3-	Y	Y
14504	OUR LADY OF ELMS, COLL OF	CHICOPEE	29		29		0.0	Y	Y
14507	PINE MANOR COLL	CHESTNUT HILL	90		111		23.3	Y	Y
14509	QUINCY COLL	QUINCY	134		135		0.7	Y	Y
14460L	QUINSIGAMOND CMTY COLL	WORCESTER	18		19		5.6	Y	Y
14511	REGIS COLL	WESTON	42		45		7.1	Y	Y
14460O	ROXBURY CMTY COLL	ROXBURY CROSSNG	90	E	25		72.2-	Y	N
14480I	SALEM STATE COLL	SALEM	57		61		7.0	Y	N
14516	SIMMONS COLL	BOSTON	92	E	89	E	3.3-	Y	Y
14535	SIMON'S ROCK OF BARD COLL	GREAT BARRINGTN	6		9		50.0	Y	Y
14517	SMITH COLL	NORTHAMPTON	193		185		4.1-	Y	Y
14518	SOUTHEASTERN MASS UNIV	N DARTMOUTH	113	E	123		8.8	Y	Y
14519	SPRINGFIELD COLL	SPRINGFIELD	116		111		4.3-	Y	Y
14460M	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	36		23		36.1-	Y	Y

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14514	ST HYACINTH COLL & SEM	GRANBY	0		0			Y	N
14515	ST JOHN'S SEM	BRIGHTON	5		0		100.0-	Y	N
14521	STONEHILL COLL	NORTH EASTON	19		19		0.0	Y	Y
14522	SUFFOLK UNIV	BOSTON	150	E	185		23.3	Y	N
14524A	TUFTS FLTCHR LAWS DIPLMCY*	MEDFORD	114		0	*	100.0-	Y	N
14524	TUFTS UNIV	MEDFORD	774		1,034		33.6	Y	Y
14525	WELLESLEY COLL	WELLESLEY	133		135		1.5	Y	Y
14526	WENTWORTH INST TECHNOLOGY	BOSTON	239		206		13.8-	Y	N
14527	WESTERN NEW ENGLAND COLL	SPRINGFIELD	58		44		24.1-	Y	Y
14480J	WESTFIELD STATE COLL	WESTFIELD	1		2		100.0	Y	N
14528	WHEATON COLL	NORTON	50		51		2.0	Y	Y
14529	WHEELOCK COLL	BOSTON	16	L	12		25.0-	Y	N
14530	WILLIAMS COLL	WILLIAMSTOWN	73		81		11.0	Y	Y
14534	WORCESTER POLY INST	WORCESTER	293	E	310		5.8	Y	Y
14480K	WORCESTER STATE COLL	WORCESTER	65		55		15.4-	Y	Y
	TOTAL MASSACHUSETTS		20,840		22,320		7.1		
	MICHIGAN								
34400	ADRIAN COLL	ADRIAN	29		24		17.2-	Y	Y
34401	ALBION COLL	ALBION	23		25		8.7	Y	Y
34402	ALMA COLL	ALMA	12		17		41.7	Y	Y
34403	ALPENA CMTY COLL	ALPENA	1		0		100.0-	Y	N
34404	ANDREWS UNIV	BERRIEN SPRINGS	487		540		10.9	Y	Y
34405	AQUINAS COLL	GRAND RAPIDS	17		15		11.8-	Y	Y
34502	BAKER COLL-FLINT	FLINT		N	4		**	Y	Y
34406	BAY DE NOC CMTY COLL	ESCANABA	0		0			Y	N
34407	CALVIN COLL	GRAND RAPIDS	331		375		13.3	Y	Y
34409	CENTRAL MICHIGAN UNIV	MT PLEASANT	153		149		2.6-	Y	Y
34426	CHARLES S MOTT CMTY COLL	FLINT	12		11		8.3-	Y	Y
34411	CLEARY COLL	YPSILANTI	16		15	E	6.3-	Y	N
34412	CONCORDIA COLL	ANN ARBOR	8		8		0.0	Y	Y
34413	CRANBROOK ACAD OF ART	BLOOMFLD HILLS	16		19		18.8	Y	Y
34498	CTR FOR CREATIVE STUDIES	DETROIT	15		22		46.7	Y	Y
34499	CTR HUMANISTIC STUDIES	DETROIT	1		0		100.0-	Y	N
34414	DAVENPORT COLL	GRAND RAPIDS	5		5		0.0	Y	Y
34415	DELTA COLL	UNIV CENTER	8		10		25.0	Y	Y
34490	DETROIT COLL OF BUSINESS	DEARBORN	6		7		16.7	Y	Y
34420	DETROIT, UNIV OF	DETROIT	429		496		15.6	Y	N
34422	EASTERN MICHIGAN UNIV	YPSILANTI	1,015		1,117		10.0	Y	Y
34424	FERRIS STATE UNIV	BIG RAPIDS	196		225		14.8	Y	N
34491	GLEN OAKS CMTY COLL	CENTREVILLE	6		5		16.7-	Y	Y
34425	GMI ENGR & MGMT INST	FLINT	245		212		13.5-	Y	Y
34427	GOGEBIC CMTY COLL	IRONWOOD	1		1		0.0	Y	Y
34492	GRACE BIBLE COLL	GRAND RAPIDS	9		9		0.0	Y	Y
34428	GRAND RAPIDS BAPT C & SEM	GRAND RAPIDS	16		19		18.8	Y	Y
34429	GRAND RAPIDS JR COLL	GRAND RAPIDS	34		39		14.7	Y	Y
34430	GRAND VALLEY STATE UNIV	ALLENDALE	39		57		46.2	Y	Y
34432	HENRY FORD CMTY COLL	DEARBORN	66		74		12.1	Y	Y
34433	HIGHLAND PARK CMTY COLL	HIGHLAND PARK	65	L	50		23.1-	Y	N
34434	HILLSDALE COLL	HILLSDALE	20		19		5.0-	Y	N
34435	HOPE COLL	HOLLAND	44		54		22.7	Y	Y
34436	JACKSON CMTY COLL	JACKSON	2		1		50.0-	Y	Y
34437	KALAMAZOO COLL	KALAMAZOO	49		46		6.1-	Y	Y
34438	KALAMAZOO VALLEY CC	KALAMAZOO	135		138		2.2	Y	Y
34439	KELLOGG CMTY COLL	BATTLE CREEK	54		39		27.8-	Y	Y
34503	KENDALL COLL ART & DSGN	GRAND RAPIDS	7		8		14.3	Y	Y
34440	KIRTLAND CMTY COLL	ROSCOMMON	0		1		**	Y	Y
34441	LAKE MICHIGAN COLL	BENTON HARBOR	22		23		4.5	Y	Y
34442	LAKE SUPERIOR STATE UNIV	SAULT ST MARIE	785		928		18.2	Y	Y
34443	LANSING CMTY COLL	LANSING	169	E	170	E	0.6	Y	N
34444	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	128	L	113	E	11.7-	Y	N
34500	LEWIS COLL OF BUSINESS	DETROIT	0		0			Y	N
34445B	MACOMB CMTY COLL	WARREN	39	E	35	E	10.3-	Y	Y
34446	MADONNA COLL	LIVONIA	51	E	43		15.7-	Y	Y
34448	MARYGROVE COLL	DETROIT		N	1		**	Y	Y

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*Included in Tufts University total.

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34449	MERCY COLL OF DETROIT	DETROIT		N		N		N	N
34451	MICHIGAN CHRISTIAN COLL	ROCHESTER HILLS	10		3		70.0-	Y	Y
34452	MICHIGAN STATE UNIV	EAST LANSING	2,270		2,281		0.5	Y	Y
34453	MICHIGAN TECHNOLOGICAL U	HOUGHTON	361		419		16.1	Y	Y
34454	MICHIGAN-ANN ARBOR, U OF	ANN ARBOR	2,465		2,308		6.4-	Y	Y
34454B	MICHIGAN-DEARBORN, U OF	DEARBORN	34		73		114.7	Y	Y
34454C	MICHIGAN-FLINT, UNIV OF	FLINT	8		7		12.5-	Y	N
34497	MID MICHIGAN CMTY COLL	HARRISON	2		2		0.0	Y	Y
34455	MONROE COUNTY CMTY COLL	MONROE	16		4		75.0-	Y	Y
34456	MONTCALM CMTY COLL	SIDNEY	0		1		**	Y	Y
34457	MUSKEGON CMTY COLL	MUSKEGON	5		9		80.0	Y	Y
34458	NAZARETH COLL	KALAMAZOO	2		0		100.0-	Y	N
34459	NORTH CENTRAL MICH COLL	PETOSKEY	1		3		200.0	Y	Y
34460	NORTHERN MICHIGAN UNIV	MARQUETTE	78		117		50.0	Y	N
34461	NORTHWESTERN MICH COLL	TRAVERSE CITY	14		16		14.3	Y	Y
34462	NORTHWOOD INST	MIDLAND	51	E	43	E	15.7-	Y	Y
34463Y	OAKLAND CMTY COLL	FARMNGTON HILLS	204	E	249		22.1	Y	Y
34464	OAKLAND UNIV	ROCHESTER	96		111		15.6	Y	Y
34465	OLIVET COLL	OLIVET	6		6		0.0	Y	Y
34468	SACRED HEART MAJOR SEM	DETROIT	5		8	E	60.0	Y	N
34469	SAGINAW VALLEY STATE UNIV	UNIV CENTER	25		37		48.0	Y	Y
34474	SCHOOLCRAFT COLL	LIVONIA	12		12		0.0	Y	Y
34476	SIENA HEIGHTS COLL	ADRIAN	10		13		30.0	Y	Y
34477	SOUTHWESTERN MICH COLL	DOWAGIAC	95		100		5.3	Y	Y
34478	SPRING ARBOR COLL	SPRING ARBOR	14		20	E	42.9	Y	N
34471	ST CLAIR COUNTY CMTY COLL	PORT HURON	39		33		15.4-	Y	Y
34473	ST MARY'S COLL	ORCHARD LAKE	19		14		26.3-	Y	Y
34479	SUOMI COLL	HANCOCK	23		24		4.3	Y	Y
34495	WALSH COLL	TROY	14		16		14.3	Y	Y
34480	WASHTENAW CMTY COLL	ANN ARBOR	335	E	167		50.1-	Y	Y
34488	WAYNE COUNTY CMTY COLL	DETROIT	77		102		32.5	Y	Y
34482	WAYNE STATE UNIV	DETROIT	1,457		1,740		19.4	Y	Y
34483	WEST SHORE CMTY COLL	SCOTTVILLE	0		0			Y	N
34484	WESTERN MICHIGAN UNIV	KALAMAZOO	1,041		1,259		20.9	Y	Y
	TOTAL MICHIGAN		13,555		14,366		6.0		
	MINNESOTA								
41401	ALEXANDRIA TECH COLL	ALEXANDRIA	0		0			Y	N
41400	ANOKA-RAMSEY CMTY COLL	COON RAPIDS	12		9		25.0-	Y	Y
41402	AUGSBURG COLL	MINNEAPOLIS	53		65		22.6	Y	Y
41403	AUSTIN CMTY COLL	AUSTIN	14		6		57.1-	Y	Y
41404	BEMIDJI STATE UNIV	BEMIDJI	104		161		54.8	Y	Y
41405	BETHANY LUTHERAN COLL	MANKATO	7		2		71.4-	Y	Y
41406	BETHEL COLL	SAINT PAUL	13		11		15.4-	Y	Y
41406A	BETHEL THEOLOGICAL SEM	SAINT PAUL	23		23		0.0	Y	Y
41407	BRAINERD CMTY COLL	BRAINERD	4		5		25.0	Y	Y
41408	CARLETON COLL	NORTHFIELD	14		12		14.3-	Y	Y
41409	CONCORDIA COLL MOORHEAD	MOORHEAD	98		98		0.0	Y	Y
41410	CONCORDIA COLL SAINT PAUL	SAINT PAUL	48		58		20.8	Y	Y
41413	DR MARTIN LUTHER COLL	NEW ULM	1		2		100.0	Y	Y
41414	FERGUS FALLS CMTY COLL	FERGUS FALLS	4		5	E	25.0	Y	Y
41415	GUSTAVUS ADOLPHUS COLL	SAINT PETER	44		49		11.4	Y	Y
41416	HAMLINE UNIV	SAINT PAUL	43		51		18.6	Y	Y
41417	HIBBING CMTY COLL	HIBBING	0		2		**	Y	Y
41418	INVER HILLS CMTY COLL	INVER GROVE HTS	6		4		33.3-	Y	Y
41419	ITASCA CMTY C-ARROWHEAD	GRAND RAPIDS	2		0		100.0-	Y	N
41420	LAKEWOOD CMTY COLL	WHITE BEAR LAKE	23		16		30.4-	Y	Y
41473	LUTHER NTHWSTN THEOL SEM	SAINT PAUL	23		25		8.7	Y	Y
41423	MACALESTER COLL	SAINT PAUL	131		190		45.0	Y	Y
41424	MANKATO STATE UNIV	MANKATO	518		519		0.2	Y	Y
41430C	MAYO GRAD SCH OF MEDICINE	ROCHESTER	191		200	E	4.7	Y	N
41472	MAYO MEDICAL SCH	ROCHESTER	0		0			Y	N
41426	MESABI CMTY COLL	VIRGINIA	3	E	4		33.3	Y	Y
41471	METROPOLITAN STATE UNIV	SAINT PAUL	9		26		188.9	Y	Y
41430F	MINN CROOKSTON, UNIV OF	CROOKSTON	9		18		100.0	Y	Y

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41430B	MINN DULUTH, UNIV OF	DULUTH	121		147		21.5	Y	Y
41430D	MINN MORRIS, UNIV OF	MORRIS	6		10	E	66.7	Y	N
41430	MINN TWIN CITIES, UNIV OF	MINNEAPOLIS	2,555		2,636		3.2	Y	Y
41430E	MINN WASECA, UNIV OF	WASECA	4		6		50.0	Y	Y
41428	MINNEAPOLIS C ART DESIGN	MINNEAPOLIS	14		27	E	92.9	Y	Y
41427	MINNEAPOLIS CMTY COLL	MINNEAPOLIS	166		159		4.2-	Y	Y
41440	MOORHEAD STATE UNIV	MOORHEAD	134	E	197		47.0	Y	Y
41441	NORMANDALE CMTY COLL	BLOOMINGTON	53		55		3.8	Y	Y
41442	NORTH CENTRAL BIBLE COLL	MINNEAPOLIS	30		34		13.3	Y	Y
41443	NORTH HENNEPIN CMTY COLL	MINNEAPOLIS	34		49		44.1	Y	Y
41469	NORTHLAND CMTY COLL	THIEF RIVER FLS	1		5		400.0	Y	Y
41466	NORTHWESTERN COLL	ROSEVILLE	12		19		58.3	Y	Y
41445	RAINY RIVER CMTY COLL	INT'L FALLS	96		105		9.4	Y	Y
41446	ROCHESTER CMTY COLL	ROCHESTER	47	L	49	E	4.3	Y	N
41459	SOUTHWEST STATE UNIV	MARSHALL	28		35		25.0	Y	Y
41447	ST BENEDICT, COLL OF	SAINT JOSEPH	37		36		2.7-	Y	Y
41448	ST CATHERINE, COLL OF	SAINT PAUL	128		61		52.3-	Y	Y
41452	ST CATHERINE-ST MARY'S, C	MINNEAPOLIS		N	0			Y	N
41449	ST CLOUD STATE UNIV	SAINT CLOUD	132		187		41.7	Y	Y
41450	ST JOHN'S UNIV	COLLEGEVILLE	55		51		7.3-	Y	Y
41451	ST MARY'S COLL OF MINN	WINONA	35		52		48.6	Y	Y
41453	ST OLAF COLL	NORTHFIELD	53		60		13.2	Y	N
41454	ST PAUL BIBLE COLL	ST BONIFACIUS	3		4		33.3	Y	Y
41474	ST PAUL TECHNICAL COLL	SAINT PAUL	2		3		50.0	Y	Y
41456	ST SCHOLASTICA, COLL OF	DULUTH	7		11		57.1	Y	Y
41458	ST THOMAS, UNIV OF	SAINT PAUL	97		103		6.2	Y	Y
41460	UNITED THEOLOGICAL SEM	NEW BRIGHTON	4		2		50.0-	Y	Y
41461	VERMILION CMTY COLL	ELY	1		1		0.0	Y	Y
41463	WILLMAR CMTY COLL	WILLMAR	0		0			Y	N
41464	WINONA STATE UNIV	WINONA	189		208		10.1	Y	Y
41465	WORTHINGTON CMTY COLL	WORTHINGTON	5		9		80.0	Y	Y
	TOTAL MINNESOTA		5,448		5,882		8.0		
	MISSISSIPPI								
64400	ALCORN STATE UNIV	LORMAN	15	E	12		20.0-	Y	Y
64401	BELHAVEN COLL	JACKSON	30		33		10.0	Y	Y
64402	BLUE MOUNTAIN COLL	BLUE MOUNTAIN	1		2		100.0	Y	Y
64403	CLARKE COLL	NEWTON	0		0			Y	N
64404	COAHOMA JR COLL	CLARKSDALE	0			N		N	N
64405	COPIAH-LINCOLN CMTY COLL	WESSON	1		0		100.0-	Y	N
64406	DELTA STATE UNIV	CLEVELAND	3		7		133.3	Y	Y
64407	EAST CENTRAL CMTY COLL	DECATUR	0		0			Y	N
64408	EAST MISSISSIPPI JR COLL	SCOOBA	0		0			Y	N
64410	HINDS CMTY COLL	RAYMOND	8		5		37.5-	Y	Y
64411	HOLMES JR COLL	GOODMAN	2		1		50.0-	Y	Y
64412	ITAWAMBA JR COLL	FULTON		N		N		N	N
64413	JACKSON STATE UNIV	JACKSON	240		240	E	0.0	Y	N
64414	JONES COUNTY JR COLL	ELLISVILLE		N		N		N	N
64415	MARY HOLMES COLL	WEST POINT	6		8		33.3	Y	Y
64416	MERIDIAN CMTY COLL	MERIDIAN	1		3		200.0	Y	Y
64417	MILLSAPS COLL	JACKSON	8		6		25.0-	Y	Y
64420A	MISS GULF CST JC JACKSON	GAUTIER		N	1		**	Y	Y
64420C	MISS GULF CST JC PERKNSTN	PERKINSTON	25	E	16		36.0-	Y	N
64420B	MISS GULF CST-PERKINSTON	PERKINSTON	17		17		0.0	Y	N
64418	MISSISSIPPI COLL	CLINTON	11		14		27.3	Y	Y
64419	MISSISSIPPI DELTA JR COLL	MOORHEAD	0		0			Y	N
64424	MISSISSIPPI MAIN CAM,U OF	UNIVERSITY	568		595		4.8	Y	Y
64424A	MISSISSIPPI MED CTR, U OF	JACKSON	34		35		2.9	Y	Y
64423	MISSISSIPPI STATE UNIV	MS STATE	605		699		15.5	Y	Y
64422	MISSISSIPPI U FOR WOMEN	COLUMBUS	1		5		400.0	Y	Y
64425	MISSISSIPPI VLY STATE U	ITTA BENA	0			N		N	N
64427	NORTHEAST MISS CMTY COLL	BOONEVILLE	2		1		50.0-	Y	Y
64428	NORTHWEST MISS CMTY COLL	SENATOBIA	0		0			Y	N
64429	PEARL RIVER JR COLL	POPLARVILLE	3	E	2		33.3-	Y	Y
64441	REFORMED THEOLOGICAL SEM	JACKSON	52		59		13.5	Y	Y

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64431	RUST COLL	HOLLY SPRINGS	17		18		5.9	Y	Y
64434	SOUTHERN MISSISSIPPI,U OF	HATTIESBURG	236		263		11.4	Y	Y
64435	SOUTHWEST MISS CMTY COLL	SUMMIT	0		0			Y	N
64436	TOUGALOO COLL	TOUGALOO	2		2		0.0	Y	Y
64437	UTICA JR COLL	UTICA	13	L	0		100.0-	Y	N
64439	WILLIAM CAREY COLL	HATTIESBURG	30		32		6.7	Y	Y
64440	WOOD JR COLL	MATHISTON	10		18		80.0	Y	Y
	TOTAL MISSISSIPPI		1,941		2,094		7.9		
	MISSOURI								
43497	AQUINAS INST OF THEOLOGY	SAINT LOUIS	6		6		0.0	Y	Y
43491	ASSEMBLIES GOD THEO SEM	SPRINGFIELD	6		11		83.3	Y	Y
43400	AVILA COLL	KANSAS CITY	26		29		11.5	Y	Y
43406	CENTRAL METHODIST COLL	FAYETTE	16		10		37.5-	Y	Y
43407	CENTRAL MISSOURI ST UNIV	WARRENSBURG	312		351		12.5	Y	Y
43495	CLEVELAND CHIRPRACTC COLL	KANSAS CITY	14		12		14.3-	Y	Y
43408	COLUMBIA COLL	COLUMBIA	40		103		157.5	Y	Y
43420	CONCEPTION SEM COLL	CONCEPTION	0		0			Y	N
43409	CONCORDIA SEM	SAINT LOUIS	18		17		5.6-	Y	Y
43410	COTTEY COLL	NEVADA	28		35		25.0	Y	Y
43488	COVENANT THEOLOGICAL SEM	SAINT LOUIS	15		28		86.7	Y	Y
43411	CROWDER COLL	NEOSHO	1		1		0.0	Y	Y
43412	CULVER-STOCKTON COLL	CANTON	15		17		13.3	Y	Y
43405	DEVRY INST OF TECHNOLOGY	KANSAS CITY	10		13		30.0	Y	Y
43413	DRURY COLL	SPRINGFIELD	18		25		38.9	Y	Y
43414	EAST CENTRAL COLL	UNION	0		1		**	Y	Y
43415	EDEN THEOLOGICAL SEM	WEBSTER GROVES	8		7		12.5-	Y	Y
43416	EVANGEL COLL	SPRINGFIELD	30		30		0.0	Y	Y
43418	FONTBONNE COLL	SAINT LOUIS	52		51		1.9-	Y	Y
43483	HANNIBAL-LAGRANGE COLL	HANNIBAL	4		4		0.0	Y	Y
43419	HARRIS STOWE STATE COLL	SAINT LOUIS	22		31		40.9	Y	Y
43421	JEFFERSON COLL	HILLSBORO	4		3		25.0-	Y	Y
43423	KANSAS CITY ART INST	KANSAS CITY	13		12		7.7-	Y	Y
43425	KEMPER MILITARY SCH &COLL	BOONVILLE	3		2		33.3-	Y	Y
43426	KENRICK-GLENNON SEM	SAINT LOUIS	0		1		**	Y	Y
43428	LINCOLN UNIV	JEFFRSON CITY	103		106	E	2.9	Y	N
43429	LINDENWOOD COLL	SAINT CHARLES	28		28	L	0.0	Y	N
43487	LOGAN COLL CHIROPRACTIC	CHESTERFIELD	39		59		51.3	Y	Y
43422A	LONGVIEW CMTY COLL	LEE'S SUMMIT	13		16		23.1	Y	Y
43422B	MAPLE WOODS CMTY COLL	KANSAS CITY	4		6		50.0	Y	Y
43431	MARYVILLE COLL	SAINT LOUIS	81		105	E	29.6	Y	N
43433	MIDWESTERN BAPT THEOL SEM	KANSAS CITY	5		7		40.0	Y	Y
43434	MINERAL AREA COLL	FLAT RIVER	0		3		**	Y	Y
43484	MISSOURI BAPTIST COLL	SAINT LOUIS	31		33		6.5	Y	Y
43440	MISSOURI COLUMBIA, U OF	COLUMBIA	1,712		1,873		9.4	Y	Y
43440B	MISSOURI KANSAS CITY,U OF	KANSAS CITY	464		510		9.9	Y	Y
43440D	MISSOURI ROLLA, UNIV OF	ROLLA	434		500		15.2	Y	Y
43440E	MISSOURI ST LOUIS, U OF	SAINT LOUIS	213	L	246		15.5	Y	Y
43438	MISSOURI STHN STATE COLL	JOPLIN		N	6		**	Y	Y
43450	MISSOURI VALLEY COLL	MARSHALL	10		10		0.0	Y	Y
43451	MISSOURI WESTERN ST COLL	SAINT JOSEPH	5		9		80.0	Y	Y
43452	MOBERLY AREA CMTY COLL	MOBERLY	14		17		21.4	Y	Y
43476	NORTH CENTRAL MISSOURI C	TRENTON	0		0			Y	N
43455	NTHEST MISSOURI STATE U	KIRKSVILLE	161		164		1.9	Y	Y
43456	NTHWST MISSOURI STATE U	MARYVILLE	145	E	142		2.1-	Y	Y
43459	OZARKS, COLL OF THE	POINT LOOKOUT	31		29		6.5-	Y	Y
43460	PARK COLL	PARKVILLE	55		70		27.3	Y	Y
43422C	PENN VALLEY CMTY COLL	KANSAS CITY	169		178		5.3	Y	N
43499	PLATT JR COLL-ST JOSEPH	SAINT JOSEPH	0		0			Y	N
43501	RESEARCH COLL OF NURSING	KANSAS CITY	0		0			Y	N
43461	ROCKHURST COLL	KANSAS CITY	20		17		15.0-	Y	Y
43462A	ST LOUIS CC FLORISSNT VLY	SAINT LOUIS	8		30		275.0	Y	Y
43462B	ST LOUIS CC FOREST PARK	SAINT LOUIS	16	L	15	E	6.3-	Y	Y
43462C	ST LOUIS CC MERAMEC	KIRKWOOD	42		59		40.5	Y	Y
43463	ST LOUIS COLL OF PHARMACY	SAINT LOUIS	7		4		42.9-	Y	Y

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43465	ST LOUIS UNIV MAIN CAMPUS	SAINT LOUIS	693		773		11.5	Y	Y
43469	ST PAUL SCH OF THEOLOGY	KANSAS CITY	2		5		150.0	Y	Y
43489	STATE FAIR CMTY COLL	SEDALIA	1		3		200.0	Y	Y
43473	STEPHENS COLL	COLUMBIA	3		8		166.7	Y	Y
43470	STHEST MISSOURI STATE U	CAPE GIRARDEAU	337		357		5.9	Y	Y
43471	STHWST BAPTIST UNIV	BOLIVAR	47		34		27.7-	Y	Y
43472	STHWST MISSOURI STATE U	SPRINGFIELD	99		106		7.1	Y	N
43474	TARKIO COLL	TARKIO	2		2		0.0	Y	Y
43475	THREE RIVERS CMTY COLL	POPLAR BLUFF	3		2		33.3-	Y	Y
43477	WASHINGTON UNIV	SAINT LOUIS	812		871		7.3	Y	Y
43478	WEBSTER UNIV	SAINT LOUIS	102	E	104	E	2.0	Y	Y
43479	WENTWORTH MILITARY ACAD	LEXINGTON	25		18		28.0-	Y	Y
43480	WESTMINSTER COLL	FULTON	3	E	4		33.3	Y	Y
43481	WILLIAM JEWELL COLL	LIBERTY	17		15		11.8-	Y	Y
43482	WILLIAM WOODS COLL	FULTON	3		5		66.7	Y	Y
	TOTAL MISSOURI		6,620		7,349		11.0		
	MONTANA								
81414	BLACKFEET CMTY COLL	BROWNING		N	0			Y	N
81400	CARROLL COLL	HELENA	32		33		3.1	Y	Y
81401	DAWSON CMTY COLL	GLENDIVE	5		2		60.0-	Y	Y
81402	EASTERN MONTANA COLL	BILLINGS	12		21		75.0	Y	Y
81403	FLATHEAD VALLEY CMTY COLL	KALISPELL	5		7		40.0	Y	Y
81404	GREAT FALLS, COLL OF	GREAT FALLS	52		42		19.2-	Y	Y
81405	MILES CMTY COLL	MILES CITY	8		8		0.0	Y	Y
81406	MONTANA C MINRL SCI&TECHN	BUTTE	87		83		4.6-	Y	Y
81407	MONTANA STATE UNIV	BOZEMAN	263		228		13.3-	Y	Y
81408	MONTANA, UNIV OF	MISSOULA	250		294		17.6	Y	Y
81409	NORTHERN MONTANA COLL	HAVRE	8		8		0.0	Y	Y
81411	ROCKY MOUNTAIN COLL	BILLINGS	44		45		2.3	Y	Y
81416	SALISH KOOTENAI COLL	PABLO	0		1		**	Y	Y
81412	WESTERN MONTANA COLL	DILLON	4		2	E	50.0-	Y	Y
	TOTAL MONTANA		770		774		0.5		
	NEBRASKA								
46400	BELLEVUE COLL	BELLEVUE	25		47		88.0	Y	Y
46425	CENTRAL CMTY COLL	GRAND ISLAND	3		0		100.0-	Y	N
46401	CHADRON STATE COLL	CHADRON	24		22		8.3-	Y	Y
46402	CONCORDIA COLL	SEWARD	14		10		28.6-	Y	Y
46403	CREIGHTON UNIV	OMAHA	220		244		10.9	Y	Y
46404	DANA COLL	BLAIR	19		27		42.1	Y	Y
46405	DOANE COLL	CRETE	66		86		30.3	Y	Y
46408	HASTINGS COLL	HASTINGS	4		6		50.0	Y	Y
46424	METROPOLITAN CMTY COLL	OMAHA	28		42		50.0	Y	Y
46412	MID PLAINS CC-MCCOOK	MCCOOK	2		6		200.0	Y	Y
46417	MID PLAINS CC-NO PLATTE	NORTH PLATTE	0		0			Y	N
46413	MIDLAND LUTHERAN COLL	FREMONT	10		16		60.0	Y	Y
46410	NEBRASKA AT KEARNEY, U OF	KEARNEY	115		144		25.2	Y	Y
46429	NEBRASKA INDIAN CMTY COLL	WINNEBAGO	0		0			Y	N
46414	NEBRASKA LINCOLN, UNIV OF	LINCOLN	1,002		1,201		19.9	Y	Y
46414A	NEBRASKA MEDICAL CTR, U	OMAHA	73		68		6.8-	Y	Y
46414B	NEBRASKA OMAHA, UNIV OF	OMAHA	226	E	205		9.3-	Y	Y
46415	NEBRASKA WESLEYAN UNIV	LINCOLN	15		13		13.3-	Y	Y
46418	NORTHEAST TECH CMTY COLL	NORFOLK	4		3		25.0-	Y	Y
46419	PERU STATE COLL	PERU	5		7		40.0	Y	Y
46406	SOUTHEAST CMTY C-BEATRICE	BEATRICE	7		19		171.4	Y	Y
46411	SOUTHEAST CMTY C-LINCOLN	LINCOLN	9		10		11.1	Y	Y
46406A	SOUTHEAST CMTY C-MILFORD	MILFORD	1		1		0.0	Y	Y
46420	ST MARY, COLL OF	OMAHA	0		1		**	Y	Y
46421	UNION COLL	LINCOLN	32		33		3.1	Y	Y
46422	WAYNE STATE COLL	WAYNE	8		10		25.0	Y	Y
46416	WESTERN NEBRASKA CMTY C	SCOTTSBLUFF	1		3		200.0	Y	Y
46431	WSTN NEBRASKA CC-SIDNEY	SIDNEY	0		0			Y	N

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46423	YORK COLL	YORK	5		8		60.0	Y	Y
	TOTAL NEBRASKA		1,918		2,232		16.4		
	NEVADA								
88400D	NEVADA LAS VEGAS, UNIV OF	LAS VEGAS	186		228		22.6	Y	Y
88400	NEVADA RENO, UNIV OF	RENO	473	E	524		10.8	Y	Y
88400C	NORTHERN NEVADA CMTY COLL	ELKO	0		1		**	Y	Y
88410	SIERRA NEVADA COLL	INCLINE VILLAGE	5		16		220.0	Y	Y
88400B	STHN NEVADA, CMTY COLL OF	N LAS VEGAS	28		59		110.7	Y	Y
88400F	TRUCKEE MEADOWS CMTY COLL	RENO	86		131		52.3	Y	Y
88400E	WESTERN NEVADA CMTY COLL	CARSON CITY	5		5		0.0	Y	Y
	TOTAL NEVADA		783		964		23.1		
	NEW HAMPSHIRE								
12427	CASTLE JR COLL	WINDHAM	0		0			Y	N
12402	COLBY-SAWYER COLL	NEW LONDON	10		11		10.0	Y	Y
12408	DANIEL WEBSTER COLL	NASHUA	13		13		0.0	Y	Y
12403	DARTMOUTH COLL	HANOVER	347		390		12.4	Y	Y
12403C	DARTMOUTH MEDICAL SCH	HANOVER	0		3		**	Y	Y
12405	FRANKLIN PIERCE COLL	RINDGE	18	L	31		72.2	Y	N
12418	HESSER COLL	MANCHESTER	32	E	23		28.1-	Y	Y
12412A	KEENE STATE COLL	KEENE	11		21		90.9	Y	N
12430	LIFELONG LEARNING,SCH FOR	DURHAM	4		3		25.0-	Y	Y
12423	MCINTOSH COLL	DOVER	0			N		N	N
12409	NEW ENGLAND COLL	HENNIKER	23		33		43.5	Y	Y
12410	NEW HAMPSHIRE COLL	MANCHESTER	483		495		2.5	Y	Y
12412C	NEW HAMPSHIRE MANCHESTR,U	MANCHESTER	1		0		100.0-	Y	N
12412	NEW HAMPSHIRE, UNIV OF	DURHAM	236		224		5.1-	Y	Y
12425	NH TECH COLL BERLIN	BERLIN		N		N		N	N
12424	NH TECH COLL CLAREMONT	CLAREMONT	0		0			Y	N
12421	NH TECH COLL LACONIA	LACONIA	0		1		**	Y	Y
12413	NH TECH COLL MANCHESTER	MANCHESTER	0		0			Y	N
12426	NH TECH COLL NASHUA	NASHUA	2		2		0.0	Y	Y
12414	NH TECH COLL STRATHAM	STRATHAM	4		2		50.0-	Y	Y
12422	NH TECHNICAL INST	CONCORD		N		N		N	N
12415	NOTRE DAME COLL	MANCHESTER	2		1		50.0-	Y	Y
12412B	PLYMOUTH STATE COLL	PLYMOUTH	25		12		52.0-	Y	Y
12416	RIVIER COLL	NASHUA	31		35		12.9	Y	Y
12417	ST ANSELM'S COLL	MANCHESTER	9		8		11.1-	Y	Y
12419	WHITE PINES COLL	CHESTER	11		15		36.4	Y	Y
	TOTAL NEW HAMPSHIRE		1,262		1,323		4.8		
	NEW JERSEY								
22402	ASSUMPTION C FOR SISTERS	MENDHAM	9		9		0.0	Y	Y
22403	ATLANTIC CMTY COLL	MAYS LANDING	51		55		7.8	Y	Y
22405	BERGEN CMTY COLL	PARAMUS	133		163		22.6	Y	Y
22461	BERKELEY COLL OF BUSINESS	WEST PATTERSON	1		2		100.0	Y	Y
22406	BLOOMFIELD COLL	BLOOMFIELD	12		15		25.0	Y	Y
22407	BROOKDALE CMTY COLL	LINCROFT	74		68		8.1-	Y	Y
22408	BURLINGTON COUNTY COLL	PEMBERTON	23		20		13.0-	Y	Y
22409	CALDWELL COLL	CALDWELL	27		43		59.3	Y	Y
22410	CAMDEN COUNTY COLL	BLACKWOOD	35	L	70		100.0	Y	N
22411	CENTENARY COLL	HACKETTSTOWN	35		42		20.0	Y	Y
22434	COUNTY COLL OF MORRIS	RANDOLPH	166		106		36.1-	Y	N
22413	CUMBERLAND COUNTY COLL	VINELAND	4		7		75.0	Y	Y
22415	DREW UNIV	MADISON	111		106		4.5-	Y	Y
22418	ESSEX COUNTY COLL	NEWARK	207		195		5.8-	Y	Y
22419A	FAIRLEGH DCKSN U EDW WNS	HACKENSACK	27		28		3.7	Y	Y
22419B	FAIRLEGH DCKSN U MADISON	MADISON	20		24		20.0	Y	Y
22419	FAIRLEGH DCKSN U RUTHRFRD	RUTHERFORD	123		150		22.0	Y	Y
22419C	FAIRLEIGH DCKSN U TEANECK	TEANECK	240		218		9.2-	Y	Y

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22420	FELICIAN COLL	LODI	17		19		11.8	Y	Y
22422	GEORGIAN COURT COLL	LAKEWOOD	9		6		33.3-	Y	Y
22423	GLASSBORO STATE COLL	GLASSBORO	69		59		14.5-	Y	Y
22424	GLOUCESTER COUNTY COLL	SEWELL	13		13		0.0	Y	N
22469	HUDSON COUNTY CMTY COLL	JERSEY CITY	80		57		28.8-	Y	Y
22426	IMMACULATE CONCEPTION SEM	SOUTH ORANGE	14	L	18		28.6	Y	Y
22428	JERSEY CITY STATE COLL	JERSEY CITY	350		400	E	14.3	Y	N
22439	KEAN COLL OF NEW JERSEY	UNION	225	E	220		2.2-	Y	N
22436	MED & DENT OF NJ, UNIV OF	NEWARK	86		113		31.4	Y	Y
22430	MERCER COUNTY CMTY COLL	TRENTON	126		133		5.6	Y	Y
22431	MIDDLESEX COUNTY COLL	EDISON	142		199		40.1	Y	Y
22432	MONMOUTH COLL	W LONG BRANCH	188	E	214		13.8	Y	Y
22433	MONTCLAIR STATE COLL	UPPER MONTCLAIR	198		230		16.2	Y	Y
22438	NEW JERSEY INST TECHN	NEWARK	1,864		1,669		10.5-	Y	Y
22440	NORTHEASTERN BIBLE COLL	ESSEX FELLS	4			C			
22441	OCEAN COUNTY COLL	TOMS RIVER	6		5		16.7-	Y	Y
22467	PASSAIC COUNTY CMTY COLL	PATERSON	64	L	76		18.8	Y	N
22442	PRINCETON THEOLOGICAL SEM	PRINCETON	68		81		19.1	Y	Y
22443	PRINCETON UNIV	PRINCETON	845		878		3.9	Y	Y
22444	RAMAPO COLL OF NEW JERSEY	MAHWAH	119		154		29.4	Y	Y
22452	RARITAN VALLEY CMTY COLL	SOMERVILLE	12		18		50.0	Y	Y
22446	RIDER COLL	LAWRENCEVILLE	50	E	71	E	42.0	Y	Y
22447A	RUTGERS U CAMDEN CAMPUS	CAMDEN	22	E	31		40.9	Y	Y
22447	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	1,988		2,192		10.3	Y	Y
22447B	RUTGERS U NEWARK CAMPUS	NEWARK	526		516		1.9-	Y	Y
22465	SALEM CMTY COLL	CARNEYS POINT	9		7		22.2-	Y	Y
22451	SETON HALL UNIV	SOUTH ORANGE	110	E	180	E	63.6	Y	N
22449	ST ELIZABETH, COLL OF	CONVENT STATION	23		25		8.7	Y	Y
22450	ST PETER'S COLL	JERSEY CITY	66		34		48.5-	Y	Y
22453	STEVENS INST TECHNOLOGY	HOBOKEN	600	E	667	E	11.2	Y	Y
22445	STOCKTON STATE COLL	POMONA	30		19		36.7-	Y	Y
22468	THOMAS A EDISON COLL	TRENTON	59		0		100.0-	Y	N
22455	TRENTON STATE COLL	TRENTON	77		73		5.2-	Y	Y
22456	UNION COUNTY COLL	CRANFORD	130	E	60		53.8-	Y	Y
22457	UPSALA COLL	EAST ORANGE	29		25		13.8-	Y	Y
22458	WESTMINSTER CHOIR COLL	PRINCETON	31		41		32.3	Y	Y
22459	WILLIAM PATERSON COLL	WAYNE	61		65	E	6.6	Y	N
	TOTAL NEW JERSEY		9,608		9,889		2.9		
	NEW MEXICO								
85420	ALBUQUERQUE VOC-TECH INST	ALBUQUERQUE	0		0			Y	N
854018	ESTN NEW MEXICO U CLOVIS	CLOVIS		N		N		N	N
85401	ESTN NEW MEXICO U MAIN	PORTALES	84		62		26.2-	Y	Y
85401A	ESTN NEW MEXICO U ROSWELL	ROSWELL	2		5		150.0	Y	Y
85417	INST AMERICAN INDIAN ARTS	SANTA FE	3		8		166.7	Y	Y
85411	NEW MEXICO ALBUQUERQUE, U	ALBUQUERQUE	590		653		10.7	Y	Y
854118	NEW MEXICO GALLUP, U OF	GALLUP	6		3		50.0-	Y	Y
85406	NEW MEXICO HIGHLANDS UNIV	LAS VEGAS	13		16		23.1	Y	Y
85408	NEW MEXICO JR COLL	HOBBS	9		6		33.3-	Y	Y
85409	NEW MEXICO MILITARY INST	ROSWELL	23		26		13.0	Y	Y
85410A	NEW MEXICO ST U ALAMOGRDO	ALAMOGORDO	0		0			Y	N
85410B	NEW MEXICO ST U CARLSBAD	CARLSBAD	3	E	0		100.0-	Y	N
85410E	NEW MEXICO ST U DONA ANA	LAS CRUCES			11	F	**	Y	Y
85410C	NEW MEXICO ST U GRANTS	GRANTS	0		0			Y	N
85410	NEW MEXICO ST U MAIN	LAS CRUCES	476		467		1.9-	Y	Y
85407	NEW MEXICO TECH	SOCORRO	148		163		10.1	Y	Y
85418	NTHN NEW MEXICO CMTY COLL	ESPANOLA	2		1		50.0-	Y	N
85410D	SAN JUAN COLL	FARMINGTON	0		0			Y	N
85419	SANTA FE CMTY COLL	SANTA FE	6		1		83.3-	Y	Y
85414	SANTA FE, COLL OF	SANTA FE	9		9		0.0	Y	Y
85415	SOUTHWEST, COLL OF THE	HOBBS	10		15		50.0	Y	Y
85412	ST JOHN'S COLL	SANTA FE	5		5		0.0	Y	Y
85416	WESTERN NEW MEXICO UNIV	SILVER CITY	10		9		10.0-	Y	Y
	TOTAL NEW MEXICO		1,399		1,460		4.4		

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	NEW YORK								
21701				N		N		N	N
21709				N		N		N	N
21402	ADELPHI UNIV	GARDEN CITY	175		161		8.0-	Y	Y
21403	ADIRONDACK CMTY COLL	GLENS FALLS	7		6		14.3-	Y	Y
21400	AERONAUTICS, COLL OF	FLUSHING	53	E	53		0.0	Y	N
21722	ALBANY COLL OF PHARMACY	ALBANY	14		13		7.1-	Y	Y
21631A	ALBANY MEDICAL COLL	ALBANY	14		15		7.1	Y	Y
21404	ALFRED UNIV	ALFRED	103		85		17.5-	Y	Y
21676	AMER ACAD DRAMATIC ARTS	NEW YORK	4		28		600.0	Y	Y
21412	BANK STREET COLL OF ED	NEW YORK	12		7		41.7-	Y	N
21413	BARD COLL	ANNANDLE-HUDSON	45		63		40.0	Y	Y
21460B	BARNARD COLL	NEW YORK	60		56		6.7-	Y	Y
21675	BERKELEY SCH WESTCHESTER	WHITE PLAINS	22	E	11		50.0-	Y	Y
21728	BORICUA COLL	NEW YORK	0		0			Y	N
21420	BROOME CMTY COLL	BINGHAMTON	98		165		68.4	Y	Y
21423	CANISIUS COLL	BUFFALO	38		59		55.3	Y	Y
21411	CAYUGA CO CMTY COLL	AUBURN		N		N		N	N
21427	CAZENOVIA COLL	CAZENOVIA	1		3		200.0	Y	Y
21724	CHRIST THE KING SEM	EAST AURORA	1		4		300.0	Y	Y
21450	CLARKSON UNIV	POTSDAM	309		298		3.6-	Y	Y
21451	CLINTON CMTY COLL	PLATTSBURGH	0			N		N	N
21453	COLGATE UNIV	HAMILTON	96		116		20.8	Y	Y
21460F	COLUMBIA U TCHRS COLL	NEW YORK	440	E	364		17.3-	Y	Y
21460	COLUMBIA UNIV	NEW YORK	2,849		3,077		8.0	Y	Y
21470	COLUMBIA-GREENE CMTY COLL	HUDSON	0		4	E	**	Y	Y
21471	CONCORDIA COLL	BRONXVILLE	126		112		11.1-	Y	Y
21472	COOPER UNION	NEW YORK	51		52		2.0	Y	N
21473	CORNELL UNIV	ITHACA	2,138		2,178		1.9	Y	Y
21474	CORNING CMTY COLL	CORNING	13		12		7.7-	Y	Y
21440A	CUNY BARUCH COLL	NEW YORK	1,343		1,681	E	25.2	Y	Y
21440L	CUNY BORO OF MANHATTAN CC	NEW YORK	309		355		14.9	Y	Y
21440B	CUNY BRONX CMTY COLL	BRONX	93		88		5.4-	Y	N
21440C	CUNY BROOKLYN COLL	BROOKLYN	495	L	512		3.4	Y	N
21440D	CUNY CITY COLL	NEW YORK	1,610		1,598		0.7-	Y	N
21440G	CUNY GRAD SCH & UNIV CTR	NEW YORK	875		868		0.8-	Y	Y
21440H	CUNY HUNTER COLL	NEW YORK	546		433	E	20.7-	Y	Y
21440I	CUNY JOHN JAY COLL	NEW YORK	81		88		8.6	Y	Y
21440J	CUNY KINGSBOROUGH CMTY C	BROOKLYN	120	E	120	E	0.0	Y	N
21440F	CUNY LA GUARDIA CMTY COLL	LONG IS CITY	864		1,018		17.8	Y	Y
21440K	CUNY LEHMAN COLL	BRONX	181	E	188		3.9	Y	Y
21440M	CUNY MEDGAR EVERS COLL	BROOKLYN	130		195		50.0	Y	Y
21440O	CUNY NEW YORK CITY TECH C	BROOKLYN	225	E	225	L	0.0	Y	N
21440P	CUNY QUEENS COLL	FLUSHING	900		999		11.0	Y	Y
21440Q	CUNY QUEENSBOROUGH CMTY C	BAYSIDE	173	E	205		18.5	Y	Y
21440S	CUNY STATEN ISLAND, COLL	STATEN ISLAND	500		525		5.0	Y	Y
21440T	CUNY YORK COLL	JAMAICA	393		375	E	4.6-	Y	N
21478	D'YOUVILLE COLL	BUFFALO	67	E	135	E	101.5	Y	N
21586	DAEMEN COLL	AMHERST	20	E	20	E	0.0	Y	N
21475	DOMINICAN COLL BLAUVELT	ORANGEBURG	9	E	13	E	44.4	Y	Y
21476	DOWLING COLL	OAKDALE	31		35	E	12.9	Y	N
21477	DUTCHESS CMTY COLL	POUGHKEEPSIE	32		34		6.3	Y	Y
21480	ELIZABETH SETON SCH/IONA	YONKERS	5			M			
21481	ELMIRA COLL	ELMIRA	66		80		21.2	Y	Y
21482	ERIE CMTY COLL-NORTH	AMHERST	78		84	E	7.7	Y	N
21484	FASHION INST TECHNOLOGY	NEW YORK	296		441		49.0	Y	Y
21486	FINGER LAKES, CMTY COLL	CANANDAIGUA	5		5		0.0	Y	Y
21649	FIVE TOWNS COLL	SEAFORD	6		4		33.3-	Y	Y
21487	FORDHAM UNIV	BRONX	398		341		14.3-	Y	Y
21488	FRIENDS WORLD COLL	HUNTINGTON	11		26		136.4	Y	Y
21489	FULTON-MONTGOMERY CMTY C	JOHNSTOWN	46		65		41.3	Y	Y
21490	GENERAL THEOLOGICAL SEM	NEW YORK	2		2		0.0	Y	Y
21491	GENESEE CMTY COLL	BATAVIA	1		1		0.0	Y	N
21492	HAMILTON COLL	CLINTON	69		75		8.7	Y	Y
21494	HARTWICK COLL	ONEONTA	24		24		0.0	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
21496	HEBREW UNION C NY BRANCH	NEW YORK	4		5		25.0	Y	N
21750	HELENE FULD SCH NURSING	NEW YORK	0		0			Y	N
21497	HERKIMER CO CMTY COLL	HERKIMER	7		7		0.0	Y	Y
21498	HILBERT COLL	HAMBURG	2		4		100.0	Y	Y
21499	HOBART & WM SMITH COLLS	GENEVA	34		39		14.7	Y	Y
21500	HOFSTRA UNIV	HEMPSTEAD	260		287		10.4	Y	Y
21502	HOUGHTON COLL	HOUGHTON	51		56		9.8	Y	Y
21503	HUDSON VALLEY CMTY COLL	TROY	45		51		13.3	Y	Y
21693	HUMAN SERVICES, COLL FOR	NEW YORK	2		2		0.0	Y	Y
21653	INSURANCE, COLL OF	NEW YORK	38		62		63.2	Y	N
21506	IONA COLL	NEW ROCHELLE	87	E	90		3.4	Y	Y
21507	ITHACA COLL	ITHACA	62	E	68		9.7	Y	Y
21508	JAMESTOWN CMTY COLL	JAMESTOWN	17		26		52.9	Y	Y
21509	JEFFERSON CMTY COLL	WATERTOWN		N		N		N	N
21510	JEWISH THEOL SEM AMERICA	NEW YORK	37		30		18.9-	Y	Y
21511	JUILLIARD SCH, THE	NEW YORK	251		268	E	6.8	Y	N
21512	KEUKA COLL	KEUKA PARK	3		3		0.0	Y	Y
21514	KING'S COLL	BRIARCLF MANOR	16		19		18.8	Y	Y
21677	LAB INST OF MERCHANDISING	NEW YORK		N	5		**	Y	N
21519	LE MOYNE COLL	SYRACUSE	8		11		37.5	Y	Y
21520A	LONG IS U BROOKLYN CENTER	BROOKLYN	220	E	360		63.6	Y	Y
21520C	LONG IS U C W POST CAMPUS	BROOKVILLE	471		489		3.8	Y	N
21520D	LONG IS U SOUTHAMPTON CTR	SOUTHAMPTON	15		16		6.7	Y	N
21523	MANHATTAN COLL	RIVERDALE	136		127		6.6-	Y	Y
21524	MANHATTAN SCH OF MUSIC	NEW YORK	242		270		11.6	Y	Y
21525	MANHATTANVILLE COLL	PURCHASE	172		140		18.6-	Y	Y
21526	MANNES COLL OF MUSIC	NEW YORK	89		90		1.1	Y	Y
21527	MARIA COLL OF ALBANY	ALBANY	3		2		33.3-	Y	Y
21529	MARIST COLL	POUGHKEEPSIE	41		39		4.9-	Y	Y
21531	MARYKNOLL SCH OF THEOLOGY	MARYKNOLL	27	E	31		14.8	Y	Y
21532	MARYMOUNT COLL	TARRYTOWN	28		41		46.4	Y	Y
21533	MARYMOUNT MANHATTAN COLL	NEW YORK	19	E	43		126.3	Y	Y
21534	MATER DEI COLL	OGDENSBURG	0		3		**	Y	Y
21535	MEDAILLE COLL	BUFFALO	0		0			Y	N
21538	MERCY COLL	DOBBS FERRY	125		157		25.6	Y	Y
21541	MOHAWK VALLEY CMTY COLL	UTICA	55		54	E	1.8-	Y	Y
21542	MOLLOY COLL	ROCKVILLE CTR	4		35		775.0	Y	Y
21543	MONROE CMTY COLL	ROCHESTER	79		96		21.5	Y	Y
21546	MT ST MARY COLL	NEWBURGH	32		24		25.0-	Y	Y
21547	MT ST VINCENT, COLL OF	RIVERDALE	12		13		8.3	Y	Y
21548	NASSAU CMTY COLL	GARDEN CITY	282		250	E	11.3-	Y	Y
21551	NAZARETH COLL ROCHESTER	ROCHESTER	10		11		10.0	Y	Y
21552	NEW ROCHELLE, COLL OF	NEW ROCHELLE	24		28		16.7	Y	Y
21553	NEW SCH FOR SOC RESEARCH	NEW YORK	606		509	E	16.0-	Y	N
21721	NEW YORK CHIROPRCTIC COLL	GLEN HEAD	4		7		75.0	Y	Y
21558Y	NEW YORK I TECHN CAMPUSES	CENTRAL ISLIP	1,040		1,177		13.2	Y	Y
21562	NEW YORK UNIV	NEW YORK	2,102		2,279		8.4	Y	Y
21564	NIAGARA CO CMTY COLL	SANBORN	24		37		54.2	Y	Y
21565	NIAGARA UNIV	NIAGARA UNIV	441		470		6.6	Y	Y
21566	NORTH COUNTRY CMTY COLL	SARANAC LAKE	3		6		100.0	Y	Y
21567	NYACK COLL	NYACK	61		34	E	44.3-	Y	N
21568	ONONDAGA CMTY COLL	SYRACUSE	62		59		4.8-	Y	Y
21569	ORANGE CO CMTY COLL	MIDDLETOWN	19		24		26.3	Y	Y
21571	PACE UNIV NEW YORK	NEW YORK	385		405		5.2	Y	Y
21571A	PACE UNIV PLEASANTVILLE	PLEASANTVILLE	56		29		48.2-	Y	Y
21644	PACE UNIV WHITE PLAINS	WHITE PLAINS	113		95		15.9-	Y	Y
21575	PAUL SMITH'S COLL	PAUL SMITHS	41		41		0.0	Y	Y
21576	POLYTECHNIC UNIV	BROOKLYN	725	E	548		24.4-	Y	Y
21577	PRATT INST	BROOKLYN	430		453		5.3	Y	Y
21580	RENSSELAER POLY INST	TROY	722		797		10.4	Y	Y
21581	ROBERTS WESLEYAN COLL	ROCHESTER	67		71		6.0	Y	Y
21582	ROCHESTER INST TECHNOLOGY	ROCHESTER	490		601		22.7	Y	Y
21583	ROCHESTER, UNIV OF	ROCHESTER	1,015		1,076	E	6.0	Y	Y
21585	ROCKLAND CMTY COLL	SUFFERN	254	E	253		0.4-	Y	Y
21587	RUSSELL SAGE COLL	TROY	23		35	E	52.2	Y	Y
21587A	SAGE JR COLL OF ALBANY	ALBANY	15		9		40.0-	Y	Y
21600	SARAH LAWRENCE COLL	BRONXVILLE	52		65		25.0	Y	Y

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21601	SCHENECTADY CO CMTY COLL	SCHENECTADY	0		0			Y	N
21652	SEM IMMACULATE CONCEPTION	HUNTINGTON	0		0			Y	N
21602	SIENA COLL	LOUDONVILLE	6		13		116.7	Y	Y
21603	SKIDMORE COLL	SARATOGA SPRNGS	24		22		8.3-	Y	Y
21590	ST BONAVENTURE UNIV	ST BONAVENTURE	41		55		34.1	Y	Y
21592	ST FRANCIS COLL	BROOKLYN	80		91		13.8	Y	Y
21593	ST JOHN FISHER COLL	ROCHESTER	20	E	16		20.0-	Y	Y
21594	ST JOHN'S UNIV	JAMAICA	805	E	820	E	1.9	Y	N
21595	ST JOSEPH'S COLL MAIN CAM	BROOKLYN	2		5		150.0	Y	N
21595A	ST JOSEPH'S COLL PATCHGUE	PATCHOGUE	3		4		33.3	Y	Y
21596	ST JOSEPH'S SEM & COLL	YONKERS	4		4		0.0	Y	Y
21597	ST LAWRENCE UNIV	CANTON	75		67		10.7-	Y	Y
21598	ST ROSE, COLL OF	ALBANY	37		39		5.4	Y	Y
21599	ST THOMAS AQUINAS COLL	SPARKILL		N	10	E	**	Y	N
21620	SUFFOLK CO CC-SELDEN	SELDEN	10		12		20.0	Y	Y
21621	SULLIVAN CO CMTY COLL	LOCH SHELDRAKE	3		15		400.0	Y	Y
21610B	SUNY AGRL TECH C CANTON	CANTON	3		4		33.3	Y	Y
21610C	SUNY AGRL TECH C COBLESKL	COBLESKILL	5		2		60.0-	Y	Y
21610D	SUNY AGRL TECH C DELHI	DELHI	2		0		100.0-	Y	N
21610E	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	25		16		36.0-	Y	Y
21610F	SUNY AGRL TECH C MORRISVL	MORRISVILLE	9		13		44.4	Y	Y
21610G	SUNY AT ALBANY	ALBANY	695		734		5.6	Y	Y
21610H	SUNY AT BINGHAMTON	BINGHAMTON	528		607		15.0	Y	Y
21610I	SUNY AT BUFFALO	BUFFALO	2,192		2,195		0.1	Y	Y
21610K	SUNY AT STONY BK MAIN CAM	STONY BROOK	1,566		1,577		0.7	Y	Y
21610N	SUNY COLL AT BROCKPORT	BROCKPORT	70		81		15.7	Y	Y
21610O	SUNY COLL AT BUFFALO	BUFFALO	145		198		36.6	Y	Y
21610Q	SUNY COLL AT CORTLAND	CORTLAND	41		38		7.3-	Y	N
21610S	SUNY COLL AT FREDONIA	FREDONIA	11		12		9.1	Y	Y
21610T	SUNY COLL AT GENESEO	GENESEO	6		5		16.7-	Y	Y
21610X	SUNY COLL AT NEW PALTZ	NEW PALTZ	191	E	191		0.0	Y	Y
21611A	SUNY COLL AT OLD WESTBURY	OLD WESTBURY	101	E	107		5.9	Y	Y
21611B	SUNY COLL AT ONEONTA	ONEONTA	66	E	58		12.1-	Y	Y
21611C	SUNY COLL AT OSWEGO	OSWEGO	27		19		29.6-	Y	Y
21611D	SUNY COLL AT PLATTSBURGH	PLATTSBURGH	69		82		18.8	Y	Y
21611E	SUNY COLL AT POTSDAM	POTSDAM	34		32		5.9-	Y	Y
21611F	SUNY COLL AT PURCHASE	PURCHASE	58		68		17.2	Y	Y
21622B	SUNY COLL ENV SCI& FRSTRY	SYRACUSE	143		146		2.1	Y	Y
21610A	SUNY COLL TECHNOL ALFRED	ALFRED	20		17		15.0-	Y	Y
21611L	SUNY EMPIRE STATE COLL	SARATOGA SPRNGS	22		5	E	77.3-	Y	N
21611G	SUNY HEALTH SCI CTR BKLYN	BROOKLYN	62	L	85		37.1	Y	Y
21611J	SUNY HEALTH SCI CTR SYRAC	SYRACUSE	41		39		4.9-	Y	Y
21610U	SUNY INST TECH UTICA/ROME	UTICA	43		42		2.3-	Y	Y
21611H	SUNY MARITIME COLL	BRONX	101		119		17.8	Y	Y
21611M	SUNY STATE COLL OPTOMETRY	NEW YORK		N		N		N	N
21622	SYRACUSE UNIV MAIN CAMPUS	SYRACUSE	1,539		1,510		1.9-	Y	Y
21622A	SYRACUSE UNIV UTICA COLL	UTICA	7		7		0.0	Y	Y
21623	TOMPKINS-CORTLAND CMTY C	DRYDEN	19		35		84.2	Y	Y
21624	TOURO COLL	NEW YORK	80	L	100	E	25.0	Y	N
21626	TROCAIRE COLL	BUFFALO	6		5		16.7-	Y	Y
21629	ULSTER CO CMTY COLL	STONE RIDGE	10		15		50.0	Y	Y
21631	UNION COLL	SCHENECTADY	32		26		18.8-	Y	Y
21630	UNION THEOLOGICAL SEM	NEW YORK	29		28		3.4-	Y	Y
21632	US MERCHANT MARINE ACAD	KINGS POINT	10		8		20.0-	Y	Y
21633	US MILITARY ACAD	WEST POINT	35		34		2.9-	Y	Y
21634	VASSAR COLL	POUGHKEEPSIE	55	E	107		94.5	Y	N
21635	VILLA MARIA COLL BUFFALO	BUFFALO	3		3		0.0	Y	Y
21678	VISUAL ARTS, SCH OF	NEW YORK	200	E	286		43.0	Y	Y
21637	WADHAMS HALL SEM & COLL	OGDENSBURG	19		14		26.3-	Y	Y
21638	WAGNER COLL	STATEN ISLAND	199		160		19.6-	Y	Y
21641	WELLS COLL	AURORA	7		4		42.9-	Y	Y
21643	WESTCHESTER CMTY COLL	VALHALLA	104		111		6.7	Y	Y
21646	YESHIVA UNIV	NEW YORK	177		208	E	17.5	Y	Y
	TOTAL NEW YORK		38,350		40,558		5.8		

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	NORTH CAROLINA						
56400	ALAMANCE CMTY COLL	HAW RIVER	1	2	100.0	Y	Y
56401	ALBEMARLE, COLL OF THE	ELIZABETH CITY	2	0	100.0-	Y	N
56492	ANSON TECHNICAL COLL	ANSONVILLE	1	0	100.0-	Y	N
56450K	APPALACHIAN STATE UNIV	BOONE	57	63	10.5	Y	Y
56403	ASHEVL BUNCOMBE TECH INST	ASHEVILLE	8	9	12.5	Y	Y
56405	BARBER-SCOTIA COLL	CONCORD	0	N		N	N
56404	BARTON COLL	WILSON	20	20	0.0	Y	Y
56519	BEAUFORT COUNTY CMTY COLL	WASHINGTON	0	0		Y	N
56406	BELMONT ABBEY COLL	BELMONT	23	26	13.0	Y	Y
56407	BENNETT COLL	GREENSBORO	9	18	100.0	Y	Y
56514	BLADEN CMTY COLL	DUBLIN	0	0		Y	N
56489	BLUE RIDGE CMTY COLL	FLAT ROCK	0	1	**	Y	Y
56408	BREVARD COLL	BREVARD	43	45	4.7	Y	Y
56539	BRUNSWICK CMTY COLL	SUPPLY	0	3	**	Y	Y
56488	CALDWELL CC & TECH INST	HUDSON	3	3	0.0	Y	Y
56409	CAMPBELL UNIV	BUIES CREEK	53	58	9.4	Y	Y
56410	CAPE FEAR COMMUNITY COLL	WILMINGTON	3	11	266.7	Y	N
56509	CARTERET CMTY COLL	MOREHEAD CITY	0	0		Y	N
56411	CATAWBA COLL	SALISBURY	9	10 E	11.1	Y	N
56494	CATAWBA VALLEY CMTY COLL	HICKORY	4	5	25.0	Y	Y
56491	CEN CAROLINA TECH COLL	SANFORD	1	0	100.0-	Y	N
56412	CEN PIEDMONT CMTY COLL	CHARLOTTE	647	494	23.6-	Y	Y
56413	CHOWAN COLL	MURFREESBORO	54	54	0.0	Y	Y
56510	CLEVELAND CMTY COLL	SHELBY	0	0		Y	N
56493	COASTAL CAROLINA CC	JACKSONVILLE	2	2	0.0	Y	Y
56504	CRAVEN CMTY COLL	NEW BERN	1	N		N	N
56414	DAVIDSON COLL	DAVIDSON	57	58 E	1.8	Y	N
56415	DAVIDSON COUNTY CMTY COLL	LEXINGTON	0	0		Y	N
56416	DUKE UNIV	DURHAM	544 E	621 E	14.2	Y	Y
56502	DURHAM TECH CMTY COLL	DURHAM	81 E	77 E	4.9-	Y	Y
56450H	EAST CAROLINA UNIV	GREENVILLE	92	102	10.9	Y	Y
56490	EDGECOMBE TECHNICAL COLL	TARBORO	0	0		Y	N
56450L	ELIZABETH CITY STATE UNIV	ELIZABETH CITY	6	10	66.7	Y	Y
56419	ELON COLL	ELON COLLEGE	25	25	0.0	Y	Y
56450M	FAYETTEVILLE STATE UNIV	FAYETTEVILLE	24	24 L	0.0	Y	N
56421	FAYETTEVILLE TECH CMTY C	FAYETTEVILLE	4	1	75.0-	Y	Y
56422	FORSYTH TECH CMTY COLL	WINSTON-SALEM	0	N		N	N
56423	GARDNER-WEBB COLL	BOILING SPRINGS	23	19	17.4-	Y	Y
56424	GASTON COLL	DALLAS	3	2	33.3-	Y	Y
56425	GREENSBORO COLL	GREENSBORO	12	9	25.0-	Y	Y
56426	GUILFORD COLL	GREENSBORO	39	44	12.8	Y	Y
56503	GUILFORD TECH CMTY COLL	JAMESTOWN	60 E	65	8.3	Y	Y
56513	HALIFAX CMTY COLL	WELDON	3	2	33.3-	Y	Y
56511	HAYWOOD CMTY COLL	CLYDE	2	0	100.0-	Y	N
56427	HIGH POINT COLL	HIGH POINT	30	19	36.7-	Y	Y
56428	ISOTHERMAL CMTY COLL	SPINDALE	0	N		N	N
56429	JAMES SPRUNT CMTY COLL	KENANSVILLE	1	0	100.0-	Y	N
56431	JOHNSON C SMITH UNIV	CHARLOTTE	1	1	0.0	Y	Y
56521	JOHNSTON TECHNICAL COLL	SMITHFIELD	0	0		Y	N
56434	LEES-MCRAE COLL	BANNER ELK	17	11	35.3-	Y	Y
56435	LENOIR CMTY COLL	KINSTON	N	2	**	Y	Y
56436	LENOIR-RHYNE COLL	HICKORY	10	16	60.0	Y	N
56437	LIVINGSTONE COLL	SALISBURY	28 L	9	67.9-	Y	Y
56438	LOUISBURG COLL	LOUISBURG	5	2	60.0-	Y	Y
56439	MARS HILL COLL	MARS HILL	16	17	6.3	Y	Y
56499	MARTIN CMTY COLL	WILLIAMSTON	0	1	**	Y	Y
56524	MAYLAND CMTY COLL	SPRUCE PINE	1	0	100.0-	Y	N
56512	MCDOWELL TECHNICAL COLL	MARION	0	0		Y	N
56440	MEREDITH COLL	RALEIGH	17 E	27	58.8	Y	Y
56441	METHODIST COLL	FAYETTEVILLE	33	34	3.0	Y	Y
56442	MITCHELL CMTY COLL	STATESVILLE	0	0		Y	N
56527	MONTGOMERY CMTY COLL	TROY	0	0		Y	N
56444	MONTREAT-ANDERSON COLL	MONTREAT	25	18	28.0-	Y	Y
56445	MOUNT OLIVE COLL	MOUNT OLIVE	6	8	33.3	Y	Y

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56500	NASH CMTY COLL	ROCKY MOUNT	0		1		**	Y	Y
56450N	NC AGRL & TECH STATE UNIV	GREENSBORO	152	E	148		2.6-	Y	Y
56450D	NC AT ASHEVILLE, UNIV OF	ASHEVILLE	25		23		8.0-	Y	Y
56450	NC AT CHAPEL HILL, U OF	CHAPEL HILL	750		784		4.5	Y	Y
56450E	NC AT CHARLOTTE, UNIV OF	CHARLOTTE	496		472		4.8-	Y	Y
56450F	NC AT GREENSBORO, UNIV OF	GREENSBORO	163		156		4.3-	Y	Y
56450G	NC AT WILMINGTON, UNIV OF	WILMINGTON	16		17		6.3	Y	Y
56450O	NC CENTRAL UNIV	DURHAM	73	E	93		27.4	Y	Y
56450P	NC SCH OF THE ARTS	WINSTON-SALEM	20		24		20.0	Y	Y
56450C	NC STATE UNIV RALEIGH	RALEIGH	1,083		1,109		2.4	Y	Y
56460	NC WESLEYAN COLL	ROCKY MOUNT	13		9		30.8-	Y	Y
56501	PAMLICO CMTY COLL	GRANTSBORO	0		0			Y	N
56462	PEACE COLL	RALEIGH	1		1		0.0	Y	Y
56450Q	PEMBROKE STATE UNIV	PEMBROKE	10		12		20.0	Y	Y
56464	PFEIFFER COLL	MISENHEIMER	15		10		33.3-	Y	Y
56506	PIEDMONT TECHNICAL COLL	ROXBORO	0			N		N	N
56507	PITT CMTY COLL	GREENVILLE		N	8		**	Y	Y
56466	QUEENS COLL	CHARLOTTE	28		34		21.4	Y	Y
56515	RANDOLPH TECHNICAL COLL	ASHEBORO	3		1		66.7-	Y	Y
56516	RICHMOND CMTY COLL	HAMLET	0		0			Y	N
56503	ROANOKE-CHOWAN CMTY COLL	AHOSKIE	0		2		**	Y	Y
56520	ROBESON CMTY COLL	LUMBERTON	0		0			Y	N
56467	ROCKINGHAM CMTY COLL	WENTWORTH	4		3		25.0-	Y	N
56517	ROWAN TECHNICAL COLL	SALISBURY	0			N		N	N
56472	SALEM COLL	WINSTON-SALEM	6		8		33.3	Y	Y
56505	SAMPSON CMTY COLL	CLINTON	0		0			Y	N
56473	SANDHILLS CMTY COLL	PINEHURST	0		0			Y	N
56474	SHAW UNIV	RALEIGH	115	E	105	E	8.7-	Y	Y
56518	SOUTHWESTERN CMTY COLL	SYLVA	0			N		N	N
56469	ST ANDREW'S PRESB COLL	LAURINBURG	42		29		31.0-	Y	Y
56470	ST AUGUSTINE'S COLL	RALEIGH	151	E	163		7.9	Y	Y
56471	ST MARY'S COLL	RALEIGH	10		10		0.0	Y	Y
56495	STANLY CMTY COLL	ALBEMARLE	2		3		50.0	Y	Y
56475	STHESTN BAPTIST THEOL SEM	WAKE FOREST	17		14		17.6-	Y	Y
56476	STHESTN CMTY COLL	WHITEVILLE	0		0			Y	N
56478	SURRY CMTY COLL	DOBSON	0		0			Y	N
56522	TRI-COUNTY CMTY COLL	MURPHY	0			N		N	N
56523	VANCE-GRANVILLE CMTY COLL	HENDERSON	2		2		0.0	Y	Y
56479	WAKE FOREST UNIV	WINSTON-SALEM	109		102		6.4-	Y	Y
56498	WAKE TECHNICAL COLL	RALEIGH	233		394		69.1	Y	Y
56480	WARREN WILSON COLL	SWANNANOA	35	E	38	E	8.6	Y	N
56481	WAYNE CMTY COLL	GOLDSBORO	3		0		100.0-	Y	N
56450R	WESTERN CAROLINA UNIV	CULLOWHEE	60		68		13.3	Y	Y
56483	WESTERN PIEDMONT CC	MORGANTON	1		0		100.0-	Y	N
56484	WILKES CMTY COLL	WILKESBORO	1		0		100.0-	Y	N
56497	WILSON TECH CMTY COLL	WILSON	0		1		**	Y	Y
56485	WINGATE COLL	WINGATE	11		19		72.7	Y	Y
56450S	WINSTON-SALEM STATE UNIV	WINSTON-SALEM	8		0		100.0-	Y	N
	TOTAL NORTH CAROLINA		5,764		5,911		2.6		
	NORTH DAKOTA								
44400	BISMARCK STATE COLL	BISMARCK	7		7		0.0	Y	Y
44401	DICKINSON STATE UNIV	DICKINSON	16		17		6.3	Y	Y
44415	FORT BETHOLD CMTY COLL	NEW TOWN	0		0			Y	N
44402	JAMESTOWN COLL	JAMESTOWN	35		48		37.1	Y	Y
44416	LITTLE HOOP CMTY COLL	FORT TOTTEN	0			N		N	N
44404	MARY, UNIV OF	BISMARCK	9		7		22.2-	Y	Y
44405	MAYVILLE STATE UNIV	MAYVILLE	39		38		2.6-	Y	Y
44406	MINOT STATE UNIV	MINOT	247		310		25.5	Y	Y
44403	ND LAKE REGION, UNIV OF	DEVILS LAKE	7		3		57.1-	Y	Y
44409	ND MAIN CAMPUS, UNIV OF	GRAND FORKS	558		527	E	5.6-	Y	Y
44407	ND STATE COLL OF SCIENCE	WAHPETON	31		23		25.8-	Y	Y
44408A	ND STATE U BOTTINEAU	BOTTINEAU	35		43		22.9	Y	Y
44408	ND STATE U MAIN CAMPUS	FARGO	336		298		11.3-	Y	Y
44409B	ND WILLISTON CENTER,U OF	WILLISTON	1		4		300.0	Y	Y

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44413	STANDING ROCK COLL	FORT YATES		0		0			Y	N
44414	TURTLE MOUNTAIN CMTY COLL	BELCOURT		0		0			Y	N
44410	VALLEY CITY STATE UNIV	VALLEY CITY		20		27		35.0	Y	Y
	TOTAL NORTH DAKOTA			1,341		1,352		0.8		
	OHIO									
31400	AIR FORCE INST TECHNOLOGY	WRGHT-PTRSN AFB		30		33		10.0	Y	Y
31401	AKRON MAIN CAMPUS, U OF	AKRON		1,058		993		6.1-	Y	Y
31401A	AKRON-WAYNE COLL, UNIV OF	ORRVILLE		0			N		N	N
31402	ANTIOCH UNIV	YELLOW SPRINGS		43		53		23.3	Y	Y
31404A	ASHLAND THEOLOGICAL SEM	ASHLAND		19		16		15.8-	Y	Y
31404	ASHLAND UNIV	ASHLAND		111		120		8.1	Y	Y
31405	ATHENAEUM OF OHIO	CINCINNATI		0		0			Y	N
31406	BALDWIN-WALLACE COLL	BEREA		56		38		32.1-	Y	Y
31561	BELMONT TECHNICAL COLL	ST CLAIRSVILLE		0		0			Y	N
31408	BLUFFTON COLL	BLUFFTON		25		25		0.0	Y	Y
31409	BORROMEO COLL OF OHIO	WICKLIFFE		1		1		0.0	Y	Y
31410A	BOWLING GRN ST U FIRELNDS	HURON		0			N		N	N
31410	BOWLING GRN ST U MAIN CAM	BOWLING GREEN		368		372		1.1	Y	Y
31411	CAPITAL UNIV	COLUMBUS		22		27		22.7	Y	Y
31412	CASE WESTERN RESERVE UNIV	CLEVELAND		985	E	1,102		11.9	Y	Y
31413	CEDARVILLE COLL	CEDARVILLE		24		18		25.0-	Y	Y
31568	CENTRAL OHIO TECH COLL	NEWARK		1		1		0.0	Y	Y
31414	CENTRAL STATE UNIV	WILBERFORCE		76		140		84.2	Y	Y
31565	CHATFIELD COLL	SAINT MARTIN		0		1		**	Y	Y
31572	CINCINNATI C MORTUARY SCI	CINCINNATI		0		0			Y	N
31417C	CINCINNATI CLERMONT C, U	BATAVIA		0		2		**	Y	N
31563	CINCINNATI TECH COLL	CINCINNATI		13		15		15.4	Y	Y
31417	CINCINNATI, UNIV OF	CINCINNATI		1,080		1,179		9.2	Y	Y
31538	CLARK TECHNICAL COLL	SPRINGFIELD		5		4		20.0-	Y	Y
31551	CLEVELAND C JEWISH STDIES	BEACHWOOD		0			N		N	N
31418	CLEVELAND INST OF ART	CLEVELAND		6		4		33.3-	Y	Y
31419	CLEVELAND INST OF MUSIC	CLEVELAND		47		57		21.3	Y	Y
31421	CLEVELAND STATE UNIV	CLEVELAND		369		489		32.5	Y	Y
31556	COLUMBUS COLL ART & DSGN	COLUMBUS		31		29		6.5-	Y	Y
31537	COLUMBUS STATE CMTY COLL	COLUMBUS		83		101		21.7	Y	Y
31422C	CUYAHOGA CC EASTERN CAM	WARRENSVL TWNSP		23	L		N		N	N
31422A	CUYAHOGA CC METRO CAM	CLEVELAND		370	E	708		91.4	Y	N
31422B	CUYAHOGA CC WESTERN CAM	PARMA		21		21		0.0	Y	Y
31423	DAYTON, UNIV OF	DAYTON		173		124	E	28.3-	Y	N
31424	DEFIANCE COLL	DEFIANCE		19		15		21.1-	Y	Y
31425	DENISON UNIV	GRANVILLE		33		40		21.2	Y	Y
31427	DEVRY INST OF TECHNOLOGY	COLUMBUS		40	L	16		60.0-	Y	Y
31426	DYKE COLL	CLEVELAND		15	E	14		6.7-	Y	Y
31552	EDISON STATE CMTY COLL	PIQUA		3		0		100.0-	Y	N
31430	FINDLAY, THE UNIV OF	FINDLAY		144		127		11.8-	Y	Y
31521	FRANCISCAN U STEUBENVILLE	STEUBENVILLE		68		117		72.1	Y	Y
31432	FRANKLIN UNIV	COLUMBUS		40		55		37.5	Y	N
31433	HEBREW UNION COLL	CINCINNATI		9		7		22.2-	Y	Y
31434	HEIDELBERG COLL	TIFFIN		46		84		82.6	Y	Y
31435	HIRAM COLL	HIRAM		4		7		75.0	Y	Y
31543	HOCKING TECHNICAL COLL	NELSONVILLE		69	E	80		15.9	Y	N
31437	JEFFERSON TECHNICAL COLL	STEUBENVILLE		0		1		**	Y	Y
31438	JOHN CARROLL UNIV	UNIV HEIGHTS		34		32		5.9-	Y	Y
31440A	KENT ST ASHTABULA CAMPUS	ASHTABULA			N		N		N	N
31440B	KENT ST E LIVERPOOL CAM	E LIVERPOOL		1		1		0.0	Y	Y
31440G	KENT ST GEAUGA CAMPUS	BURTON TWP			N	0			Y	N
31440C	KENT ST SALEM CAMPUS	SALEM		1		0		100.0-	Y	N
31440D	KENT ST STARK CAMPUS	CANTON		0			N		N	N
31440E	KENT ST TRUMBULL CAMPUS	WARREN		0		0			Y	N
31440F	KENT ST TUSCARAWAS CAM	NEW PHILA		1		0		100.0-	Y	N
31440	KENT STATE U MAIN CAMPUS	KENT		472	E	442		6.4-	Y	Y
31450	KENYON COLL	GAMBIER		29		24		17.2-	Y	Y
31548	KETTERING C MEDICAL ARTS	KETTERING		15		16		6.7	Y	Y
31452	LAKE ERIE COLL	PAINESVILLE		13		6		53.8-	Y	Y

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31453	LAKELAND CMTY COLL	MENTOR	5		13		160.0	Y	Y
31562	LIMA TECHNICAL COLL	LIMA	4		1		75.0-	Y	Y
31454	LORAIN COUNTY CMTY COLL	ELYRIA	9		9		0.0	Y	N
31455	LOURDES COLL	SYLVANIA	0		0			Y	N
31456	MALONE COLL	CANTON	5		6		20.0	Y	Y
31457	MARIETTA COLL	MARIETTA	25		19		24.0-	Y	Y
31564	MARION TECHNICAL COLL	MARION	1		1		0.0	Y	Y
31459	MEDL COLL OHIO AT TOLEDO	TOLEDO	62		67		8.1	Y	Y
31460	METHODIST THEOL SCH OHIO	DELAWARE	5		3		40.0-	Y	Y
31461A	MIAMI UNIV HAMILTON	HAMILTON	1		0		100.0-	Y	N
31461B	MIAMI UNIV MIDDLETOWN	MIDDLETOWN	0		1		**	Y	Y
31461	MIAMI UNIV OXFORD	OXFORD	255		279		9.4	Y	Y
31463	MOUNT ST JOSEPH, COLL OF	MT ST JOSEPH	72		82		13.9	Y	Y
31464	MOUNT UNION COLL	ALLIANCE	56		71		26.8	Y	Y
31465	MOUNT VERNON NAZARENE C	MOUNT VERNON	5		8		60.0	Y	Y
31466	MUSKINGUM COLL	NEW CONCORD	16		20		25.0	Y	Y
31540	MUSKINGUM TECHNICAL COLL	ZANESVILLE	0		0			Y	N
31559	NORTH CENTRAL TECH COLL	MANSFIELD	3		2		33.3-	Y	Y
31541	NORTHWEST TECHNICAL COLL	ARCHBOLD	2		1		50.0-	Y	Y
31467	NOTRE DAME COLL	CLEVELAND	9		10		11.1	Y	Y
31468	OBERLIN COLL	OBERLIN	128		147	E	14.8	Y	Y
31469	OHIO COLL PODIATRIC MED	CLEVELAND	7		7		0.0	Y	Y
31470	OHIO DOMINICAN COLL	COLUMBUS	96		141		46.9	Y	Y
31471	OHIO NORTHERN UNIV	ADA	46		40		13.0-	Y	Y
31480F	OHIO STATE U AG TECH INST	WOOSTER	10		7		30.0-	Y	Y
31480	OHIO STATE U MAIN CAMPUS	COLUMBUS	2,887		3,021		4.6	Y	Y
31500A	OHIO UNIV BELMONT	ST CLAIRSVILLE	0			N		N	N
31500B	OHIO UNIV CHILLICOTHE	CHILLICOTHE	0		0			Y	N
31500D	OHIO UNIV LANCASTER	LANCASTER	0			N		N	N
31500	OHIO UNIV MAIN CAMPUS	ATHENS	1,190		1,345		13.0	Y	Y
31510	OHIO WESLEYAN UNIV	DELAWARE	133		166		24.8	Y	Y
31511	OTTERBEIN COLL	WESTERVILLE	39		32		17.9-	Y	Y
31546	OWENS TECHNICAL COLL	TOLEDO	10		9		10.0-	Y	Y
31512	PONTIFICAL C JOSEPHINUM	COLUMBUS	8		17		112.5	Y	Y
31514	RIO GRANDE, UNIV OF	RIO GRANDE	43		40		7.0-	Y	Y
31550	SHAWNEE STATE UNIV	PORTSMOUTH	5		7		40.0	Y	Y
31520	SINCLAIR CMTY COLL	DAYTON	70		74		5.7	Y	N
31558	SOUTHERN OHIO COLL	CINCINNATI	1		1		0.0	Y	Y
31569	SOUTHERN STATE CMTY COLL	HILLSBORO	2		1		50.0-	Y	Y
31519	ST MARY SEM	CLEVELAND	1		0		100.0-	Y	N
31566	STARK TECHNICAL COLL	CANTON	1		2		100.0	Y	Y
31560	TERRA TECHNICAL COLL	FREMONT	0		0			Y	N
31522	TIFFIN UNIV	TIFFIN	22		27		22.7	Y	Y
31523	TOLEDO, THE UNIV OF	TOLEDO	1,640		1,494		8.9-	Y	Y
31571	TRINITY LUTHERAN SEM	COLUMBUS	3		7		133.3	Y	Y
31524	UNITED THEOLOGICAL SEM	DAYTON	9		9		0.0	Y	Y
31525	URBANA UNIV	URBANA	12		11		8.3-	Y	Y
31526	URSULINE COLL	PEPPER PIKE	13	L	11		15.4-	Y	Y
31527	WALSH COLL	CANTON	42		31		26.2-	Y	Y
31544	WASHINGTON TECHNICAL COLL	MARIETTA	0			N		N	N
31529	WILBERFORCE UNIV	WILBERFORCE	7		6		14.3-	Y	N
31530	WILMINGTON COLL	WILMINGTON	24		29		20.8	Y	Y
31574	WINEBRENNER THEOL SEM	FINDLAY	0		0			Y	N
31531	WITTENBERG UNIV	SPRINGFIELD	78	E	89		14.1	Y	Y
31533	WOOSTER, COLL OF	WOOSTER	107		109		1.9	Y	Y
31534A	WRIGHT ST U LAKE CAMPUS	CELINA	2		0		100.0-	Y	N
31534	WRIGHT ST U MAIN CAMPUS	DAYTON	304		303		0.3-	Y	Y
31535	XAVIER UNIV	CINCINNATI	160		135		15.6-	Y	Y
31536	YOUNGSTOWN STATE UNIV	YOUNGSTOWN	125		130		4.0	Y	N
	TOTAL OHIO		13,856		14,798		6.8		
	OKLAHOMA								
73401	BACONE COLL	MUSKOGEE	1		2		100.0	Y	Y
73402	BARTLESVILLE WESLEYAN C	BARTLESVILLE	54		31		42.6-	Y	Y
73404	CAMERON UNIV	LAWTON	14		13		7.1-	Y	Y

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73405	CARL ALBERT JR COLL	POTEAU	11		0		100.0-	Y	N
73406	CENTRAL STATE UNIV	EDMOND	834		817		2.0-	Y	Y
73408	CONNORS STATE COLL	WARNER	0			N		N	N
73409	EAST CENTRAL UNIV	ADA	9		14		55.6	Y	Y
73410	EASTERN OKLA STATE COLL	WILBURTON	7		4		42.9-	Y	Y
73411	EL RENO JR COLL	EL RENO	15		5		66.7-	Y	Y
73443	FLAMING RAINBOW UNIV	STILWELL	0		0			Y	N
73412	LANGSTON UNIV	LANGSTON	16		7		56.3-	Y	Y
73445	MID-AMERICA BIBLE COLL	OKLAHOMA CITY	2		3		50.0	Y	Y
73413	MURRAY STATE COLL	TISHOMINGO	1		2		100.0	Y	Y
73414	NORTHEASTERN OKLA A&M C	MIAMI	35		33		5.7-	Y	Y
73415	NORTHEASTERN STATE UNIV	TAHLEQUAH	15		22		46.7	Y	Y
73416	NORTHERN OKLAHOMA COLL	TONKAWA	8		7		12.5-	Y	Y
73417	NORTHWESTERN OKLA ST UNIV	ALVA	10		10		0.0	Y	N
73418	OKLA BAPTIST UNIV	SHAWNEE	21		33		57.1	Y	Y
73419	OKLA CHRISTIAN UNIV	OKLAHOMA CITY	55		68		23.6	Y	Y
73432	OKLA CITY CMTY COLL	OKLAHOMA CITY	274	E	67		75.5-	Y	Y
73420	OKLA CITY UNIV	OKLAHOMA CITY	741		981		32.4	Y	Y
73426A	OKLA HEALTH SCI CTR, U OF	OKLAHOMA CITY	66		74		12.1	Y	Y
73426	OKLA NORMAN, UNIV OF	NORMAN	1,137		1,249		9.9	Y	Y
73425	OKLA STATE U MAIN CAMPUS	STILLWATER	1,494		1,664		11.4	Y	Y
73425A	OKLA STATE U OKLA CITY	OKLAHOMA CITY	24		16		33.3-	Y	Y
73425D	OKLA STATE UNIV-OKMULGE	OKMULGEE	17		6		64.7-	Y	Y
73427	ORAL ROBERTS UNIV	TULSA	176		227		29.0	Y	N
73423	PANHANDLE STATE UNIV	GOODWELL	1		4		300.0	Y	Y
73428	PHILLIPS UNIV	ENID	88		79		10.2-	Y	Y
73407	ROGERS STATE COLL	CLAREMORE	138		120		13.0-	Y	Y
73438	ROSE STATE COLL	MIDWEST CITY	31		24		22.6-	Y	Y
73421	SCIENCE & ARTS, UNIV OF	CHICKASHA	22		22		0.0	Y	Y
73431	SEMINOLE JR COLL	SEMINOLE	11		4		63.6-	Y	Y
73403	SOUTHERN NAZARENE UNIV	BETHANY	44		43		2.3-	Y	Y
73429	ST GREGORY'S COLL	SHAWNEE	19		21		10.5	Y	Y
73433	STHESTN OKLA STATE UNIV	DURANT	116		100	E	13.8-	Y	N
73444	STHWSTN C CHRSTN MINISTRS	BETHANY	0			N		N	N
73435	STHWSTN OKLA STATE UNIV	WEATHERFORD	58		46		20.7-	Y	Y
73437	TULSA JR COLL	TULSA	60		71		18.3	Y	Y
73436	TULSA, UNIV OF	TULSA	363		408		12.4	Y	Y
73400	WESTERN OKLAHOMA ST COLL	ALTUS	1		0		100.0-	Y	N
	TOTAL OKLAHOMA		5,989		6,297		5.1		
	OREGON								
92457	BASSIST COLL	PORTLAND	5		8		60.0	Y	Y
92400	BLUE MOUNTAIN CMTY COLL	PENDLETON	8		17		112.5	Y	Y
92401	CENTRAL OREGON CMTY COLL	BEND	22		24		9.1	Y	Y
92402	CHEMEKETA CMTY COLL	SALEM	122		143		17.2	Y	Y
92403	CLACKAMAS CMTY COLL	OREGON CITY	15		21		40.0	Y	Y
92404	CLATSOP CMTY COLL	ASTORIA	2		2		0.0	Y	Y
92405	COLUMBIA CHRISTIAN COLL	PORTLAND	16		14		12.5-	Y	Y
92406	CONCORDIA COLL	PORTLAND	79		71		10.1-	Y	Y
924308	EASTERN OREGON STATE COLL	LA GRANDE	103		108		4.9	Y	Y
92407	GEORGE FOX COLL	NEWBERG	33		47		42.4	Y	Y
92409	LANE CMTY COLL	EUGENE	158		187		18.4	Y	Y
92410	LEWIS & CLARK COLL	PORTLAND	244		240		1.6-	Y	Y
92411	LINFIELD COLL	MCMINNVILLE	83	E	69		16.9-	Y	Y
92412	LINN-BENTON CMTY COLL	ALBANY	63		78		23.8	Y	Y
92413	MARYLHURST COLL	MARYLHURST	6		6		0.0	Y	Y
92415	MOUNT ANGEL SEM	SAINT BENEDICT	16		17		6.3	Y	Y
92416	MOUNT HOOD CMTY COLL	GRESHAM	18		29		61.1	Y	Y
92418	NORTHWEST CHRISTIAN COLL	EUGENE	9		8		11.1-	Y	Y
92419	OREGON GRADUATE INST	BEAVERTON	62		72		16.1	Y	Y
92430A	OREGON HEALTH SCIENCES U	PORTLAND	42		56		33.3	Y	N
92430I	OREGON HLTH SCIS U DENTL	PORTLAND	5		7		40.0	Y	Y
92430E	OREGON INST OF TECHNOLOGY	KLAMATH FALLS	42		38		9.5-	Y	Y
92430	OREGON MAIN CAMPUS, U OF	EUGENE	1,435		1,278		10.9-	Y	Y
924300	OREGON STATE UNIV	CORVALLIS	1,817		1,534		15.6-	Y	Y

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92454	PACIFIC NTHWST COLL ART	PORTLAND	7		8		14.3	Y	Y
92440	PACIFIC UNIV	FOREST GROVE	74		108		45.9	Y	Y
92461	PORTLAND CMTY COLL	PORTLAND	394		422		7.1	Y	Y
92430F	PORTLAND STATE UNIV	PORTLAND	740		809		9.3	Y	Y
92442	PORTLAND, UNIV OF	PORTLAND	234		235		0.4	Y	Y
92443	REED COLL	PORTLAND	60	E	38		36.7-	Y	N
92455	ROGUE CMTY COLL	GRANTS PASS	2		3		50.0	Y	Y
92430G	SOUTHERN OREGON ST COLL	ASHLAND	164		180	E	9.8	Y	N
92444	STHWSTN OREGON CMTY COLL	COOS BAY	15		8		46.7-	Y	Y
92445	TREASURE VALLEY CMTY COLL	ONTARIO	30		35		16.7	Y	Y
92446	UMPQUA CMTY COLL	ROSEBURG	10		13		30.0	Y	Y
92447	WARNER PACIFIC COLL	PORTLAND	39		46		17.9	Y	Y
92451	WILLAMETTE UNIV	SALEM	44		53		20.5	Y	Y
92448	WSTN BAPTIST COLL	SALEM	1		0		100.0-	Y	N
92449	WSTN CONSERV BAPTIST SEM	PORTLAND	12		11		8.3-	Y	Y
92453	WSTN EVANGELICAL SEM	PORTLAND	16		17		6.3	Y	Y
92430C	WSTN OREGON STATE COLL	MONMOUTH	127		96		24.4-	Y	Y
92456	WSTN STATES CHIROPRACTC C	PORTLAND	29		36		24.1	Y	Y
	TOTAL OREGON		6,403		6,192		3.3-		
	PENNSYLVANIA								
23403	ALBRIGHT COLL	READING	53		74		39.6	Y	Y
23405A	ALLEGHENY CO ALLEG CAM,CC	PITTSBURGH	74		141		90.5	Y	Y
23405B	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	3		2		33.3-	Y	Y
23405D	ALLEGHENY CO NORTH CAM,CC	PITTSBURGH	7		7		0.0	Y	Y
23405C	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	2		2		0.0	Y	Y
23404	ALLEGHENY COLL	MEADVILLE	56		76		35.7	Y	Y
23406	ALLENTOWN COLL	CENTER VALLEY	5		9		80.0	Y	Y
23408	ALVERNIA COLL	READING	1		1		0.0	Y	Y
23586	ARTS, UNIV OF THE	PHILADELPHIA	76		72		5.3-	Y	Y
23410	BAPTIST BIBLE COLL & SEM	CLARKS SUMMIT	2		4		100.0	Y	Y
23412	BEAVER CO, CMTY COLL OF	MONACA	1	E	0		100.0-	Y	N
23411	BEAVER COLL	GLENSIDE	24		28		16.7	Y	Y
23413	BLOOMSBURG UNIV	BLOOMSBURG	48		46		4.2-	Y	Y
23414	BRYN MAWR COLL	BRYN MAWR	103		122		18.4	Y	Y
23415	BUCKNELL UNIV	LEWISBURG	60		46		23.3-	Y	N
23416	BUCKS COUNTY CMTY COLL	NEWTOWN		N		N		N	N
23417	BUTLER COUNTY CMTY COLL	BUTLER		N	0			Y	N
23418	CABRINI COLL	RADNOR	8		11	E	37.5	Y	N
23419	CALIFORNIA UNIV OF PA	CALIFORNIA	77		79		2.6	Y	Y
23420	CARLOW COLL	PITTSBURGH	8		13		62.5	Y	Y
23422	CARNEGIE-MELLON UNIV	PITTSBURGH	757		854		12.8	Y	Y
23423	CEDAR CREST COLL	ALLENTOWN	4		19		375.0	Y	Y
23583	CENTRAL PENN BUSINESS SCH	SUMMERDALE	3		3		0.0	Y	Y
23424	CHATHAM COLL	PITTSBURGH	25		26		4.0	Y	Y
23425	CHESTNUT HILL COLL	PHILADELPHIA	32		40		25.0	Y	Y
23426	CHEYNEY UNIV OF PA	CHEYNEY	55	E	66		20.0	Y	N
23429	CLARION UNIV OF PENN	CLARION	163		166		1.8	Y	Y
23429A	CLARION UNIV-VENANGO CAM	OIL CITY	0		0			Y	N
23432	DELAWARE COUNTY CMTY COLL	MEDIA	24		23	E	4.2-	Y	Y
23433	DELAWARE VALLEY COLL	DOYLESTOWN	14		14		0.0	Y	Y
23434	DICKINSON COLL	CARLISLE	19		35		84.2	Y	Y
23437	DREXEL UNIV	PHILADELPHIA	1,053		1,105		4.9	Y	Y
23439	DUQUESNE UNIV	PITTSBURGH	254		373		46.9	Y	Y
23440	EAST STROUDSBURG UNIV	E STROUDSBURG	96		88		8.3-	Y	Y
23442	EASTERN BAPTIST THEOL SEM	PHILADELPHIA	13		13		0.0	Y	Y
23441	EASTERN COLL	SAINT DAVIDS	90		104		15.6	Y	Y
23444	EDINBORO UNIV	EDINBORO	123		157		27.6	Y	Y
23445	ELIZABETHTOWN COLL	ELIZABETHTOWN	11		18	E	63.6	Y	Y
23584	EVANGELICAL SCH THEOLOGY	MYERSTOWN	4		3		25.0-	Y	Y
23448	FRANKLIN & MARSHALL COLL	LANCASTER	64		86		34.4	Y	Y
23450	GANNON UNIV	ERIE	58		50		13.8-	Y	Y
23451	GENEVA COLL	BEAVER FALLS	13		14	E	7.7	Y	N
23452	GETTYSBURG COLL	GETTYSBURG	31		30		3.2-	Y	Y
23453	GRATZ COLL	MELROSE PARK	10		28	E	180.0	Y	Y

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23454	GROVE CITY COLL	GROVE CITY	43	51	18.6	Y	Y
23455	GWYNEDD-MERCY COLL	GWYNEDD VALLEY	61	50	18.0-	Y	Y
23456	HAHNEMANN UNIV	PHILADELPHIA	34	43 E	26.5	Y	Y
23457	HARCUM JR COLL	BRYN MAWR	45	57	26.7	Y	Y
23458	HARRISBURG AREA CMTY COLL	HARRISBURG	34	39	14.7	Y	Y
23459	HAVERFORD COLL	HAVERFORD	20	19	5.0-	Y	Y
23460	HOLY FAMILY COLL	PHILADELPHIA	6	12	100.0	Y	Y
23461	IMMACULATA COLL	IMMACULATA	71	75	5.6	Y	Y
23462	INDIANA UNIV OF PENN	INDIANA	555	622	12.1	Y	Y
23464	JUNIATA COLL	HUNTINGDON	41	30	26.8-	Y	N
23465	KEYSTONE JR COLL	LA PLUME	N	N		N	N
23466	KING'S COLL	WILKES-BARRE	8	9	12.5	Y	Y
23467	KUTZTOWN UNIV OF PENN	KUTZTOWN	94	86	8.5-	Y	Y
23468	LA ROCHE COLL	PITTSBURGH	6	3	50.0-	Y	Y
23473	LA SALLE UNIV	PHILADELPHIA	32 E	38	18.8	Y	Y
23469	LACKAWANNA JR COLL	SCRANTON	1	1	0.0	Y	Y
23470	LAFAYETTE COLL	EASTON	88	89	1.1	Y	Y
23569	LANCASTER BIBLE COLL	LANCASTER	4	1	75.0-	Y	Y
23471	LANCASTER THEOLOGICAL SEM	LANCASTER	1	2	100.0	Y	Y
23474	LEBANON VALLEY COLL	ANNVILLE	6	12	100.0	Y	Y
23475	LEHIGH COUNTY CMTY COLL	SCHNECKSVILLE	15	34	126.7	Y	Y
23476	LEHIGH UNIV	BETHLEHEM	501	479	4.4-	Y	Y
23477	LINCOLN UNIV	LINCOLN UNIV	15	23	53.3	Y	Y
23478	LOCK HAVEN UNIV	LOCK HAVEN	90	171 E	90.0	Y	Y
23479	LUTH THEOL SEM GETTYSBURG	GETTYSBURG	7	6	14.3-	Y	Y
23480	LUTH THEOL SEM PHILA	PHILADELPHIA	3	4	33.3	Y	Y
23481	LUZERNE COUNTY CMTY COLL	NANTICOKE	2	2	0.0	Y	Y
23482	LYCOMING COLL	WILLIAMSPORT	13	17	30.8	Y	Y
23483	MANOR JR COLL	JENKINTOWN	13	36	176.9	Y	Y
23484	MANSFIELD UNIV	MANSFIELD	36	33 E	8.3-	Y	N
23486	MARYWOOD COLL	SCRANTON	23	22	4.3-	Y	Y
23487	MEDICAL COLL OF PA, THE	PHILADELPHIA	3	5	66.7	Y	N
23488	MERCYHURST COLL	ERIE	56	56	0.0	Y	Y
23489	MESSIAH COLL	GRANTHAM	40	46	15.0	Y	Y
23490	MILLERSVILLE UNIV	MILLERSVILLE	68	82	20.6	Y	Y
23491	MISERICORDIA, COLL OF	DALLAS	6	9	50.0	Y	N
23492	MONTGOMERY CO CMTY COLL	BLUE BELL	0	0		Y	N
23493	MOORE COLL ART & DESIGN	PHILADELPHIA	19 L	N		N	N
23494	MORAVIAN COLL	BETHLEHEM	21	18	14.3-	Y	Y
23495	MOUNT ALOYSIUS JR COLL	CRESSON	24	43	79.2	Y	Y
23496	MUHLENBERG COLL	ALLENTOWN	18	21	16.7	Y	Y
23500	NEUMANN COLL	ASTON	15	13	13.3-	Y	Y
23401	NEW CHURCH, ACAD OF THE	BRYN ATHYN	39	33	15.4-	Y	Y
23498	NORTHAMPTON CO AREA CC	BETHLEHEM	27	34	25.9	Y	Y
23499	NORTHEASTERN CHRISTIAN JC	VILLANOVA	16	23	43.8	Y	Y
23501	PEIRCE JR COLL	PHILADELPHIA	25	19	24.0-	Y	Y
23504	PENN COLL OF OPTOMETRY	PHILADELPHIA	5	9	80.0	Y	Y
23564	PENN COLL OF TECHNOLOGY	WILLIAMSPORT	4	0	100.0-	Y	N
23585	PENN INST OF TECHNOLOGY	MEDIA	4	0	100.0-	Y	N
23510Y	PENN STATE U-COMMONWLTH	UNIVERSITY PARK	80	102	27.5	Y	Y
23510	PENN STATE U-UNIV PK CAM	UNIVERSITY PARK	2,059	2,095	1.7	Y	Y
23521	PENN, UNIV OF	PHILADELPHIA	2,778	3,122	12.4	Y	Y
23523	PHILA COLL OF THE BIBLE	LANGHORNE	24	24	0.0	Y	Y
23525	PHILA COLL PHARMACY & SCI	PHILADELPHIA	67	47	29.9-	Y	Y
23526	PHILA COLL TEXTILE & SCI	PHILADELPHIA	159	162	1.9	Y	Y
23527	PHILA, CMTY COLL OF	PHILADELPHIA	0	0		Y	N
23572	PINEBROOK JR COLL	COOPERSBURG	16	7	56.3-	Y	N
23530B	PITTSBURGH BRADFORD, U OF	BRADFORD	1	4	300.0	Y	Y
23530C	PITTSBURGH GREENSBURG, U	GREENSBURG	0	0		Y	N
23530D	PITTSBURGH JOHNSTOWN, U	JOHNSTOWN	3	4	33.3	Y	Y
23530	PITTSBURGH MAIN CAMPUS, U	PITTSBURGH	1,412	1,454	3.0	Y	Y
23529	PITTSBURGH THEOL SEM	PITTSBURGH	8	10	25.0	Y	Y
23530E	PITTSBURGH TITUSVILLE, U	TITUSVILLE	2	0	100.0-	Y	N
23531	POINT PARK COLL	PITTSBURGH	135	189	40.0	Y	Y
23573	READING AREA CMTY COLL	READING	3 E	12	300.0	Y	Y
23533	ROBERT MORRIS COLL	CORAOPOLIS	19	25	31.6	Y	Y
23534	ROSEMONT COLL	ROSEMONT	12	9	25.0-	Y	Y

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23541	SCRANTON, UNIV OF	SCRANTON	147		170		15.6	Y	Y
23542	SETON HILL COLL	GREENSBURG	16		13		18.8-	Y	Y
23543	SHIPPENSBURG U OF PENN	SHIPPENSBURG	60	E	75	E	25.0	Y	Y
23544	SLIPPERY ROCK UNIV	SLIPPERY ROCK	164		179		9.1	Y	Y
23545	SPRING GARDEN COLL	PHILADELPHIA	20	L		N		N	N
23535	ST CHARLES BORROMEO SEM	OVERBROOK	4		5		25.0	Y	Y
23538	ST FRANCIS COLL	LORETTO	4		2		50.0-	Y	Y
23539	ST JOSEPH'S UNIV	PHILADELPHIA	200		210	E	5.0	Y	Y
23540	ST VINCENT COLL	LATROBE	10		10		0.0	Y	Y
23546	SUSQUEHANNA UNIV	SELINSGROVE	14		15		7.1	Y	Y
23547	SWARTHMORE COLL	SWARTHMORE	71		73		2.8	Y	Y
23548	TEMPLE UNIV	PHILADELPHIA	1,614		1,960		21.4	Y	Y
23550	THIEL COLL	GREENVILLE	24		20		16.7-	Y	Y
23551	THOMAS JEFFERSON UNIV	PHILADELPHIA	15		23		53.3	Y	Y
23503	UNITED WESLEYAN COLL	ALLENTOWN	7			C			
23552	URSINUS COLL	COLLEGEVILLE	10		14		40.0	Y	N
23553	VALLEY FORGE MILITARY JC	WAYNE	12		13		8.3	Y	Y
23555	VILLANOVA UNIV	VILLANOVA	290	E	292		0.7	Y	Y
23556	WASHINGTN & JEFFERSN COLL	WASHINGTON	9		11		22.2	Y	Y
23557	WAYNESBURG COLL	WAYNESBURG	11		11		0.0	Y	Y
23558	WEST CHESTER UNIV	WEST CHESTER	262		354		35.1	Y	N
23559	WESTMINSTER COLL	NEW WILMINGTON	3		1		66.7-	Y	Y
23560	WESTMINSTER THEOL SEM	PHILADELPHIA	81	E	90		11.1	Y	Y
23561	WESTMORELAND COUNTY CC	YOUNGWOOD	2		1		50.0-	Y	Y
23562	WIDENER UNIV	CHESTER	120		165		37.5	Y	Y
23563	WILKES UNIV	WILKES-BARRE	50	L	45		10.0-	Y	N
23565	WILSON COLL	CHAMBERSBURG	10		13		30.0	Y	Y
23567	YORK COLL OF PENNSYLVANIA	YORK	13		15		15.4	Y	Y
	TOTAL PENNSYLVANIA		15,803		17,571		11.2		
	PUERTO RICO								
98447	AMERICAN UNIV OF PR	BAYAMON	4		4		0.0	Y	Y
984308	ARECIBO TECH UNIV COLL	ARECIBO	0		0			Y	N
98443	BAYAMON CENTRAL UNIV	BAYAMON	9		9		0.0	Y	Y
98448	CARIBBEAN CTR ADV STUDIES	SAN JUAN	1		1		0.0	Y	Y
98444	CARIBBEAN UNIV COLL	BAYAMON	2		1		50.0-	Y	Y
98420	CATHOLIC UNIV PUERTO RICO	PONCE	38		29		23.7-	Y	Y
98446	CONSERVATORY OF MUSIC PR	SANTURCE	11		11	L	0.0	Y	N
98458	CTR ADVANCED STUDIES	SAN JUAN	0		0			Y	N
98451	INST COMERCIAL PR JR COLL	HATO REY	0		0			Y	N
98410A	INTER AMER U AGUADILLA	AGUADILLA		N		N		N	N
98410B	INTER AMER U ARECIBO	ARECIBO	0			N		N	N
98410C	INTER AMER U BARRANQUITAS	BARRANQUITAS	1		1		0.0	Y	Y
98410H	INTER AMER U FAJARDO	FAJARDO	0		1		**	Y	Y
98410I	INTER AMER U GUAYAMA	GUAYAMA	0		0			Y	N
98410E	INTER AMER U METRO CAMPUS	HATO REY	14	L	25		78.6	Y	Y
98410F	INTER AMER U PONCE	PONCE		N	1		**	Y	Y
98410	INTER AMER U SAN GERMAN	SAN GERMAN	88		77		12.5-	Y	Y
98456	POLYTECHNIC UNIV OF PR	HATO REY	69		98		42.0	Y	Y
98430H	PR AGUADILLA REG COLL, U	RAMEY	0		0			Y	N
98430G	PR BAYAMON TECH U COLL, U	BAYAMON	0		1		**	Y	Y
98430D	PR CAROLINA REG COLL,U OF	CAROLINA	7	E	3		57.1-	Y	Y
98430C	PR CAYEY UNIV COLL, U OF	CAYEY	0		0			Y	N
98430I	PR HUMACAO UNIV COLL, U	HUMACAO	1		2		100.0	Y	Y
98430J	PR LA MONTANA REG COLL, U	UTUADO	0		0			Y	N
98430E	PR MAYAGUEZ, UNIV OF	MAYAGUEZ	174		183	E	5.2	Y	Y
98430F	PR PONCE TECH UNIV, U OF	PONCE		N	1		**	Y	Y
98430	PR RIO PIEDRAS, UNIV OF	RIO PIEDRAS	59		87		47.5	Y	Y
98430A	PR SAN JUAN MED SCI, U OF	SAN JUAN	15	L	13		13.3-	Y	Y
98421	PUERTO RICO JR COLL	RIO PIEDRAS	0			N		N	N
98440	SACRED HEART, UNIV OF	SANTURCE	40		34	E	15.0-	Y	Y
98445	TECHNOLOGICAL C SAN JUAN	HATO REY	0		0			Y	N
98441	U ADVENTISTA LAS ANTILLAS	MAYAGUEZ	50		58		16.0	Y	Y
98449	UNIVERSIDAD DEL TURABO	GURABO	49		57		16.3	Y	Y
98459	UNIVERSIDAD METROPOLITANA	RIO PIEDRAS	1		3		200.0	Y	Y
	TOTAL PUERTO RICO		633		700		10.6		

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	RHODE ISLAND						
15401	BROWN UNIV	PROVIDENCE	834	820	1.7-	Y	Y
15402	BRYANT COLL	SMITHFIELD	46	42	8.7-	Y	Y
15412	NEW ENGLAND INST TECH	WARWICK	4	3	25.0-	Y	Y
15405	PROVIDENCE COLL	PROVIDENCE	45	37	17.8-	Y	Y
15406	RHODE ISLAND COLL	PROVIDENCE	40 L	68	70.0	Y	Y
15408	RHODE ISLAND SCH DESIGN	PROVIDENCE	145	175	20.7	Y	Y
15409	RHODE ISLAND, UNIV OF	KINGSTON	520	533	2.5	Y	Y
15407	RHODE ISLAND,CMTY COLL OF	WARWICK	53	50	5.7-	Y	Y
15410	ROGER WILLIAMS COLL	BRISTOL	134 E	120 E	10.4-	Y	N
15411	SALVE REGINA COLL	NEWPORT	37	35 E	5.4-	Y	N
	TOTAL RHODE ISLAND		1,858	1,983	1.3		
	SOUTH CAROLINA						
57466	AIKEN TECH COLL	AIKEN	2	0	100.0-	Y	N
57401	ANDERSON COLL	ANDERSON	18	24	33.3	Y	Y
57402	BAPT COLL AT CHARLESTON	CHARLESTON	N	N		N	N
57403	BENEDICT COLL	COLUMBIA	28	43	53.6	Y	Y
57405	CENTRAL WESLEYAN COLL	CENTRAL	4	11	175.0	Y	Y
57406	CHARLESTON, COLL OF	CHARLESTON	100	160 E	60.0	Y	N
57463	CHESTERFLD-MARLBORO TECH	CHERAW	0	1	**	Y	Y
57407	CITADEL, THE	CHARLESTON	17	24	41.2	Y	Y
57408	CLAFLIN COLL	ORANGEBURG	2	8	300.0	Y	Y
57409	CLEMSON UNIV	CLEMSON	635	591	6.9-	Y	Y
57410	COKER COLL	HARTSVILLE	10	13	30.0	Y	Y
57411	COLUMBIA BIBLE COLL & SEM	COLUMBIA	64	74	15.6	Y	Y
57412	COLUMBIA COLL	COLUMBIA	2	5	150.0	Y	Y
57413	CONVERSE COLL	SPARTANBURG	10	13 E	30.0	Y	N
57469	DENMARK TECH COLL	DENMARK	4	1	75.0-	Y	Y
57414	ERSKINE COLL	DUE WEST	14	17	21.4	Y	Y
57458	FLORENCE DARLINGTON TECH	FLORENCE	0	0		Y	N
57415	FRANCIS MARION COLL	FLORENCE	18	20	11.1	Y	Y
57417	FURMAN UNIV	GREENVILLE	16	23	43.8	Y	Y
57418	GREENVILLE TECHNICAL COLL	GREENVILLE	7	13	85.7	Y	Y
57465	HORRY-GEORGETOWN TECH COL	CONWAY	3	0	100.0-	Y	N
57420	LANDER COLL	GREENWOOD	39	34	12.8-	Y	Y
57421	LIMESTONE COLL	GAFFNEY	8	4	50.0-	Y	Y
57422	LUTHERAN THEOL STHN SEM	COLUMBIA	3	1	66.7-	Y	Y
57423	MEDICAL UNIV OF SC	CHARLESTON	70	79	12.9	Y	Y
57455	MIDLANDS TECH COLL	COLUMBIA	45	64	42.2	Y	Y
57424	MORRIS COLL	SUMTER	0	0		Y	N
57425	NEWBERRY COLL	NEWBERRY	2	1	50.0-	Y	Y
57426	NORTH GREENVILLE COLL	TIGERVILLE	8	3	62.5-	Y	Y
57464	ORANGEBURG CALHOUN TECH C	ORANGEBURG	2	2	0.0	Y	Y
57428	PIEDMONT TECHNICAL COLL	GREENWOOD	1	1	0.0	Y	Y
57429	PRESBYTERIAN COLL	CLINTON	7	6	14.3-	Y	Y
57440A	SC AT AIKEN, UNIV OF	AIKEN	9	9 E	0.0	Y	Y
57440C	SC AT BEAUFORT, UNIV OF	BEAUFORT	0	0		Y	N
57440D	SC AT CONWAY, UNIV OF	CONWAY	49	57	16.3	Y	Y
57440E	SC AT LANCASTER, UNIV OF	LANCASTER	1	1	0.0	Y	Y
57440F	SC AT SPARTANBURG, U OF	SPARTANBURG	51	41	19.6-	Y	Y
57440H	SC AT SUMTER, UNIV OF	SUMTER	2	25	150.0	Y	Y
57440G	SC AT UNION, UNIV OF	UNION	N	0		Y	N
57440	SC COLUMBIA CAMPUS, U OF	COLUMBIA	926	1,041	12.4	Y	Y
57440B	SC SALKEHATCHIE, UNIV OF	ALLENDALE	3	0	100.0-	Y	N
57430	SC STATE COLL	ORANGEBURG	16 L	25	56.3	Y	Y
57467	SHERMAN COLL CHIROPRACTIC	SPARTANBURG	14	13	7.1-	Y	Y
57450	SPARTANBURG METH COLL	SPARTANBURG	10	15	50.0	Y	Y
57459	SPARTANBURG TECH COLL	SPARTANBURG	0	0		Y	N
57460	SUMTER AREA TECH COLL	SUMTER	0	0		Y	N
57456	TECH COLL OF LOWCOUNTRY	BEAUFORT	9	7	22.2-	Y	Y
57454	TRI-COUNTY TECHNICAL COLL	PENDLETON	15	28	86.7	Y	Y
57427	TRIDENT TECH COLL	CHARLESTON	13 E	8	38.5-	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
57451	VOORHEES COLL	DENMARK	2		3		50.0	Y	Y
57472	WILLIAMSBURG TECH COLL	KINGSTREE	0		0			Y	N
57452	WINTHROP COLL	ROCK HILL	115		104		9.6-	Y	Y
57453	WOFFORD COLL	SPARTANBURG	7		7		0.0	Y	Y
57461	YORK TECHNICAL COLL	ROCK HILL	0			N		N	N
	TOTAL SOUTH CAROLINA		2,381		2,620		10.0		
	SOUTH DAKOTA								
45400	AUGUSTANA COLL	SIOUX FALLS	88		82		6.8-	Y	Y
45401	BLACK HILLS STATE UNIV	SPEARFISH	10	L	8	E	20.0-	Y	N
45402	DAKOTA STATE UNIV	MADISON	16		13		18.8-	Y	Y
45403	DAKOTA WESLEYAN UNIV	MITCHELL	7		4		42.9-	Y	Y
45405	HURON UNIV	HURON	12		20		66.7	Y	Y
45418	KILIAN CMTY COLL	SIOUX FALLS	0		1		**	Y	Y
45406	MOUNT MARTY COLL	YANKTON	4		5		25.0	Y	Y
45415	NATIONAL COLL	RAPID CITY	15		13		13.3-	Y	N
45407	NORTH AMERICAN BAPT SEM	SIOUX FALLS	8		9		12.5	Y	Y
45408	NORTHERN STATE UNIV	ABERDEEN	5		8		60.0	Y	Y
45417	OGALA LAKOTA COLL	KYLE	0		0			Y	N
45409	PRESENTATION COLL	ABERDEEN	2		7		250.0	Y	Y
45413	SD MAIN CAMPUS, UNIV OF	VERMILLION	120	E	150	E	25.0	Y	N
45411	SD SCH MINES & TECHNOLOGY	RAPID CITY	289		284		1.7-	Y	Y
45412	SD STATE UNIV	BROOKINGS	182		172		5.5-	Y	Y
45410	SIOUX FALLS COLL	SIOUX FALLS		N		N		N	N
45419	SISSETON-WAHPETON CMTY C	SISSETON	0			N		N	N
45420	SOUTHEAST VOC-TECH INST	SIOUX FALLS		N		N		N	N
	TOTAL SOUTH DAKOTA		758		776		2.4		
	TENNESSEE								
62400	AQUINAS JR COLL	NASHVILLE	12	L	1		91.7-	Y	Y
62401	AUSTIN PEAY STATE UNIV	CLARKSVILLE	23		28		21.7	Y	Y
62402	BELMONT COLL	NASHVILLE	93		89		4.3-	Y	Y
62403	BETHEL COLL	MCKENZIE	8		4		50.0-	Y	Y
62404	BRYAN COLL	DAYTON	14		9		35.7-	Y	Y
62405	CARSON-NEWMAN COLL	JEFFERSON CITY	9		12		33.3	Y	Y
62479	CHATTANOOGA STATE TECH CC	CHATTANOOGA	9		9		0.0	Y	Y
62406	CHRISTIAN BROTHERS UNIV	MEMPHIS	42		43		2.4	Y	Y
62407	CLEVELAND STATE CMTY COLL	CLEVELAND	22		3		86.4-	Y	Y
62408	COLUMBIA STATE CMTY COLL	COLUMBIA	5		5		0.0	Y	Y
62410	CUMBERLAND UNIV	LEBANON	9		8		11.1-	Y	Y
62411	DAVID LIPSCOMB UNIV	NASHVILLE	18		17		6.3	Y	Y
62412	DYERSBURG STATE CMTY COLL	DYERSBURG	2		4		100.0	Y	Y
62413	EAST TENN STATE UNIV	JOHNSON CITY	107	E	119	E	11.2	Y	Y
62414	FISK UNIV	NASHVILLE	18	L	30	E	66.7	Y	N
62416	FREED-HARDEMAN UNIV	HENDERSON	29		31		6.9	Y	Y
62418	HARDING GRAD SCH RELIGION	MEMPHIS	5		4		20.0-	Y	Y
62419	HIWASSEE COLL	MADISONVILLE	28		46		64.3	Y	Y
62420	JACKSON STATE CMTY COLL	JACKSON	0		0			Y	N
62482	JOHN A GUPTON COLL	NASHVILLE		N		N		N	N
62421	JOHNSON BIBLE COLL	KNOXVILLE	7		4		42.9-	Y	Y
62422	KING COLL	BRISTOL	33		33		0.0	Y	Y
62423	KNOXVILLE COLL	KNOXVILLE		N	0			Y	N
62424	LAMBUTH COLL	JACKSON	34		38		11.8	Y	Y
62425	LANE COLL	JACKSON	1		1		0.0	Y	Y
62427	LE MOYNE-OWEN COLL	MEMPHIS	16		10		37.5-	Y	Y
62426	LEE COLL	CLEVELAND	66	E	63		4.5-	Y	Y
62428	LINCOLN MEMORIAL UNIV	HARROGATE	153		160		4.6	Y	Y
62429	MARTIN METHODIST COLL	PULASKI	26	L	18		30.8-	Y	N
62430	MARYVILLE COLL	MARYVILLE	64		69		7.8	Y	Y
62431	MEHARRY MEDICAL COLL	NASHVILLE	23		25		8.7	Y	Y
62432	MEMPHIS COLL OF ART	MEMPHIS	11		15	E	36.4	Y	N
62433	MEMPHIS STATE UNIV	MEMPHIS	519		515		0.8-	Y	Y
62494	MID-AMERICA BAPTIST SEM	MEMPHIS	11		12		9.1	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL		% CHANGE	RESPONSE S1	RESPONSE S2
62434	MIDDLE TENN STATE UNIV	MURFREESBORO	170	E	163		4.1-	Y	Y
62436	MILLIGAN COLL	MILLIGAN COLL	5		7		40.0	Y	Y
62438	MOTLOW STATE CMTY COLL	TULLAHOMA	6		10		66.7	Y	Y
62439	NASHVILLE STATE TECH INST	NASHVILLE	44		33		25.0-	Y	Y
62496	NORTHEAST STATE TECH CC	BLOUNTVILLE	0			N		N	N
62486	PELLISSIPPI ST TECH CC	KNOXVILLE	28		38		35.7	Y	Y
62446	RHODES COLL	MEMPHIS	9		12		33.3	Y	Y
62478	ROANE STATE CMTY COLL	HARRIMAN	4		5		25.0	Y	Y
62477	SHELBY STATE CMTY COLL	MEMPHIS		N		N		N	N
62443	SOUTH, UNIV OF THE	SEWANEE	24		28		16.7	Y	Y
62447	STATE TECH INST MEMPHIS	MEMPHIS	15		9		40.0-	Y	Y
62444	STHN COLL OF OPTOMETRY	MEMPHIS	0		0			Y	N
62445	STHN COLL OF S D A	COLLEGEDALE	36		51		41.7	Y	Y
62460B	TENN CHATTANOOGA, UNIV OF	CHATTANOOGA	104		106		1.9	Y	Y
62460	TENN KNOXVILLE, UNIV OF	KNOXVILLE	814		853		4.8	Y	Y
62460C	TENN MARTIN, UNIV OF	MARTIN	324		306		5.6-	Y	Y
62460A	TENN MEMPHIS, UNIV OF	MEMPHIS	55		69		25.5	Y	Y
62460E	TENN SPACE INST, UNIV OF	TULLAHOMA	32		33		3.1	Y	Y
62448	TENN STATE UNIV	NASHVILLE	268		248		7.5-	Y	Y
62449	TENN TECHNOLOGICAL UNIV	COOKEVILLE	269		268		0.4-	Y	Y
62470	TENN WESLEYAN COLL	ATHENS	35		34		2.9-	Y	Y
62487	TOMLINSON COLL	CLEVELAND	22		22		0.0	Y	Y
62471	TREVECCA NAZARENE COLL	NASHVILLE	12	L		N		N	N
62472	TUSCULUM COLL	GREENEVILLE	8		10		25.0	Y	Y
62473	UNION UNIV	JACKSON	13		15		15.4	Y	Y
62474	VANDERBILT UNIV	NASHVILLE	532		570		7.1	Y	Y
62475	VOLUNTEER STATE CMTY COLL	GALLATIN	0		0			Y	N
62476	WALTERS STATE CMTY COLL	MORRISTOWN	3		2		33.3-	Y	Y
	TOTAL TENNESSEE		4,247		4,317		1.6		
	TEXAS								
74400	ABILENE CHRISTIAN UNIV	ABILENE	102		129		26.5	Y	Y
74401	ALVIN CMTY COLL	ALVIN	10		11		10.0	Y	Y
74402	AMARILLO COLL	AMARILLO	14		10		28.6-	Y	Y
74553	AMBER UNIV	GARLAND	0		0			Y	N
74536	ANGELINA COLL	LUFKIN	0		0			Y	N
74404	ANGELO STATE UNIV	SAN ANGELO	84		97		15.5	Y	Y
74558	ART INST OF DALLAS, THE	DALLAS	8		12		50.0	Y	Y
74535	AUSTIN CMTY COLL	AUSTIN	263	E	337	E	28.1	Y	N
74406	AUSTIN COLL	SHERMAN	12		16		33.3	Y	Y
74407	AUSTIN PRESB THEOL SEM	AUSTIN	5		5		0.0	Y	Y
74557	BAPT MISSIONARY THEOL SEM	JACKSONVILLE	1		2		100.0	Y	Y
74554	BAUDER FASHION COLL	ARLINGTON	10		4		60.0-	Y	Y
74542	BAYLOR COLL OF DENTISTRY	DALLAS	12		7		41.7-	Y	Y
74408	BAYLOR COLL OF MEDICINE	HOUSTON	114		109		4.4-	Y	Y
74409	BAYLOR UNIV	WACO	203		211		3.9	Y	Y
74410	BEE COUNTY COLL	BEEVILLE	1		7		600.0	Y	Y
74413	BLINN COLL	BRENHAM	118		161		36.4	Y	Y
74414	BRAZOSPORT COLL	LAKE JACKSON	9		16		77.8	Y	Y
74424G	BROOKHAVEN COLL	FARMERS BRANCH	130		130		0.0	Y	N
74424E	CEDAR VALLEY COLL	LANCASTER	1		0		100.0-	Y	N
74416	CENTRAL TEXAS COLL	KILLEEN	100		117		17.0	Y	Y
74550	CENTRAL TEXAS, UNIV OF	KILLEEN	10		16		60.0	Y	Y
74418	CISCO JR COLL	CISCO	1		1		0.0	Y	Y
74419	CLARENDON COLL	CLARENDON	0		2		**	Y	Y
74420	CONCORDIA LUTHERAN COLL	AUSTIN	7		7		0.0	Y	Y
74421	COOKE COUNTY COLL	GAINESVILLE	43		47		9.3	Y	Y
745028	CORPUS CHRISTI STATE UNIV	CORPUS CHRSTI	11		4		63.6-	Y	Y
74423	DALLAS BAPTIST UNIV	DALLAS	108		127		17.6	Y	Y
74425	DALLAS THEOLOGICAL SEM	DALLAS	119	E	120		0.8	Y	Y
74426	DALLAS, UNIV OF	IRVING	314	E	371		18.2	Y	Y
74427	DEL MAR COLL	CORPUS CHRSTI	30		21		30.0-	Y	Y
74545	DEVRY INST OF TECHNOLOGY	IRVING	49		26		46.9-	Y	Y
74555	EAST TEX STATE U TEXARKNA	TEXARKANA	2		0		100.0-	Y	N
74429	EAST TEXAS BAPTIST UNIV	MARSHALL	13		23		76.9	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL	1990/91 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
74430	EAST TEXAS STATE UNIV	COMMERCE	175	210	20.0	Y	Y
74424A	EASTFIELD COLL	MESQUITE	9	6	33.3-	Y	Y
74424B	EL CENTRO COLL	DALLAS	208 E	253	21.6	Y	Y
74530	EL PASO CMTY COLL	EL PASO	182	192	5.5	Y	Y
74431	EPISCOPAL THEO SEM STHWST	AUSTIN	3	6	100.0	Y	Y
74433	FRANK PHILLIPS COLL	BORGER	11	17	54.5	Y	Y
74434	GALVESTON COLL	GALVESTON	22	18	18.2-	Y	Y
74435	GRAYSON COUNTY COLL	DENISON	4	3	25.0-	Y	Y
74436	HARDIN-SIMMONS UNIV	ABILENE	25	18	28.0-	Y	Y
74438	HILL COLL	HILLSBORO	N	1 E	**	Y	N
74439	HOUSTON BAPTIST UNIV	HOUSTON	65	48	26.2-	Y	Y
74546	HOUSTON CMTY COLL	HOUSTON	638	861	35.0	Y	Y
74441B	HOUSTON DOWNTOWN, U OF	HOUSTON	284	229	19.4-	Y	Y
74441C	HOUSTON VICTORIA, U OF	VICTORIA	1	3	200.0	Y	Y
74441	HOUSTON, UNIV OF	HOUSTON	2,332	2,406	3.2	Y	Y
74441A	HOUSTON-CLEAR LAKE, U OF	HOUSTON	158	201	27.2	Y	Y
74442	HOWARD CO JC DISTRICT	BIG SPRING	7	11	57.1	Y	Y
74443	HOWARD PAYNE UNIV	BROWNWOOD	4	1	75.0-	Y	Y
74444	HUSTON-TILLOTSON COLL	AUSTIN	104	79	24.0-	Y	N
74445	INCARNATE WORD COLL	SAN ANTONIO	58	56	3.4-	Y	Y
74446	JACKSONVILLE COLL	JACKSONVILLE	58	34	41.4-	Y	Y
74447	JARVIS CHRISTIAN COLL	HAWKINS	0	0		Y	N
74448	KILGORE COLL	KILGORE	0	2	**	Y	Y
74449	LAMAR UNIV-BEAUMONT	BEAUMONT	375	285	24.0-	Y	Y
74449A	LAMAR UNIV-ORANGE	ORANGE	3	4 E	33.3	Y	N
74449B	LAMAR UNIV-PORT ARTHUR	PORT ARTHUR	N	N		N	N
74450	LAREDO JR COLL	LAREDO	18	11	38.9-	Y	Y
74502A	LAREDO STATE UNIV	LAREDO	60	70	16.7	Y	Y
74451	LEE COLL	BAYTOWN	13	14	7.7	Y	Y
74452	LETOURNEAU UNIV	LONGVIEW	39	49	25.6	Y	Y
74454	LON MORRIS COLL	JACKSONVILLE	42	55	31.0	Y	Y
74455	LUBBOCK CHRISTIAN UNIV	LUBBOCK	36	28	22.2-	Y	Y
74457	MAINLAND, COLL OF THE	TEXAS CITY	3	4	33.3	Y	N
74459	MARY HARDIN-BAYLOR, U OF	BELTON	84	68	19.0-	Y	Y
74460	MCLENNAN CMTY COLL	WACO	22	28	27.3	Y	Y
74461	MCMURRY COLL	ABILENE	8	5	37.5-	Y	Y
74534	MIDLAND COLL	MIDLAND	23	25	8.7	Y	Y
74462	MIDWESTERN STATE UNIV	WICHITA FALLS	132 E	90	31.8-	Y	Y
74424C	MOUNTAIN VIEW COLL	DALLAS	20	27	35.0	Y	Y
74463	NAVARRO COLL	CORSICANA	68	119	75.0	Y	Y
74548	NORTH HARRIS COUNTY COLL	HOUSTON	66	75	13.6	Y	Y
74424F	NORTH LAKE COLL	IRVING	15	33	120.0	Y	N
74464	NORTH TEXAS, UNIV OF	DENTON	1,363	1,431	5.0	Y	Y
74559	NORTHEAST TEXAS CMTY COLL	MOUNT PLEASANT	2	1	50.0-	Y	Y
74552	NORTHWOOD INST	CEDAR HILL	20	50	150.0	Y	Y
74465	OBLATE SCH OF THEOLOGY	SAN ANTONIO	3	3	0.0	Y	Y
74466	ODESSA COLL	ODESSA	6	5	16.7-	Y	Y
74467	OUR LADY OF LAKE UNIV	SAN ANTONIO	53	43	18.9-	Y	Y
74560	PALO ALTO COLL	SAN ANTONIO	4	10	150.0	Y	Y
74468	PAN AMERICAN UNIV	EDINBURG	125 E	274	119.2	Y	N
74469	PANOLA JR COLL	CARTHAGE	1	1	0.0	Y	N
74470	PARIS JR COLL	PARIS	73	52	28.8-	Y	Y
74471	PAUL QUINN COLL	DALLAS	N	N		N	N
74503A	PRAIRIE VIEW A&M UNIV	PRAIRIE VIEW	386	376	2.6-	Y	Y
74472	RANGER JR COLL	RANGER	3	0	100.0-	Y	N
74473	RICE UNIV	HOUSTON	490	513	4.7	Y	Y
74424D	RICHLAND COLL	DALLAS	130	129	0.8-	Y	Y
74478	SAM HOUSTON STATE UNIV	HUNTSVILLE	161	221	37.3	Y	Y
74561	SAN ANTONIO ART INST	SAN ANTONIO	0	N		N	N
74479B	SAN ANTONIO COLL	SAN ANTONIO	221	234	5.9	Y	Y
74480	SAN JACINTO COLL CENTRAL	PASADENA	293	255	13.0-	Y	N
74480A	SAN JACINTO COLL NORTH	HOUSTON	10 E	22	120.0	Y	Y
74491	SCHREINER COLL	KERRVILLE	9	19	111.1	Y	Y
74483	SOUTH PLAINS COLL	LEVELLAND	30	27	10.0-	Y	Y
74487	SOUTHERN METHODIST UNIV	DALLAS	449	463	3.1	Y	Y
74442A	SOUTHWEST COLL INST DEAF	BIG SPRING	0	0		Y	N
74491	SOUTHWEST TEXAS JR COLL	UVALDE	29	30	3.4	Y	Y

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74492	SOUTHWEST TEXAS STATE U	SAN MARCOS	194	193	0.5-	Y	Y
74495	SOUTHWESTERN ADVNTST COLL	KEENE	48	44	8.3-	Y	Y
74493	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	5	5	0.0	Y	Y
74494	SOUTHWESTERN BAPT SEM	FORT WORTH	61	100	63.9	Y	Y
74541	SOUTHWESTERN CHRSTN COLL	TERRELL	31	28	9.7-	Y	Y
74496	SOUTHWESTERN UNIV	GEORGETOWN	16	35 E	118.8	Y	N
74475	ST EDWARD'S UNIV	AUSTIN	162	152	6.2-	Y	Y
74476	ST MARY'S UNIV	SAN ANTONIO	146	134	8.2-	Y	Y
74479A	ST PHILLIP'S COLL	SAN ANTONIO	14	10	28.6-	Y	Y
74477	ST THOMAS, UNIV OF	HOUSTON	128	115	10.2-	Y	N
74497	STEPHEN F AUSTIN STATE U	NACOGDOCHES	22	28	27.3	Y	N
74498	SUL ROSS STATE UNIV	ALPINE	30	18	40.0-	Y	Y
74503B	TARLETON STATE UNIV	STEPHENVILLE	20	19	5.0-	Y	Y
74499A	TARRANT COUNTY JR COLL	FORT WORTH	56	93	66.1	Y	Y
74500	TEMPLE JR COLL	TEMPLE	12	8	33.3-	Y	Y
74502	TEX A&I UNIV	KINGSVILLE	272 E	245	9.9-	Y	Y
74503C	TEX A&M UNIV AT GALVESTON	GALVESTON	12	13	8.3	Y	Y
74503	TEX A&M UNIV MAIN CAMPUS	COLLEGE STATION	2,156	2,497	15.8	Y	Y
74510A	TEX ARLINGTON, UNIV OF	ARLINGTON	1,130	1,185	4.9	Y	Y
74510	TEX AUSTIN, UNIV OF	AUSTIN	3,568	3,867	8.4	Y	Y
74540	TEX CHIROPRACTIC COLL	PASADENA	16	9	43.8-	Y	N
74504	TEX CHRISTIAN UNIV	FORT WORTH	189	174	7.9-	Y	Y
74505	TEX COLL	TYLER	38	20	47.4-	Y	Y
74510B	TEX DALLAS, UNIV OF	RICHARDSON	355	424 E	19.4	Y	N
74510C	TEX EL PASO, UNIV OF	EL PASO	1,050	1,227 E	16.9	Y	Y
74510E	TEX HLTH SCI CTR HOUSTN,U	HOUSTON	135	164	21.5	Y	Y
74510I	TEX HLTH SCI SAN ANTON, U	SAN ANTONIO	57	66	15.8	Y	Y
74506	TEX LUTHERAN COLL	SEGUIN	19	22	15.8	Y	Y
74510D	TEX MED BRANCH GALVSTN, U	GALVESTON	54	72	33.3	Y	Y
74510G	TEX PERMIAN BASIN, U OF	ODESSA	28	30 E	7.1	Y	N
74510H	TEX SAN ANTONIO, UNIV OF	SAN ANTONIO	97	136	40.2	Y	Y
74507	TEX SOUTHERN UNIV	HOUSTON	900 E	1,313	45.9	Y	N
74508	TEX SOUTHMOST COLL	BROWNSVILLE	222	57	74.3-	Y	Y
74538A	TEX ST TECH AMARILLO	AMARILLO	0	0		Y	N
74538B	TEX ST TECH HARLINGEN	HARLINGEN	12	9	25.0-	Y	Y
74538C	TEX ST TECH SWEETWATER	SWEETWATER	0	0		Y	N
74538	TEX ST TECH WACO	WACO	21	22	4.8	Y	Y
74510K	TEX SWSTN MED CTR DALLS,U	DALLAS	71	72	1.4	Y	Y
74509	TEX TECH UNIV	LUBBOCK	821	788	4.0-	Y	Y
74537	TEX TYLER, UNIV OF	TYLER	49	68	38.8	Y	Y
74520	TEX WESLEYAN UNIV	FORT WORTH	48	42	12.5-	Y	N
74521	TEX WOMAN'S UNIV	DENTON	369	393	6.5	Y	Y
74501	TEXARKANA COLL	TEXARKANA	0	2	**	Y	Y
74522	TRINITY UNIV	SAN ANTONIO	48	39	18.8-	Y	Y
74437	TRINITY VALLEY CMTY COLL	ATHENS	18	30	66.7	Y	Y
74523	TYLER JR COLL	TYLER	47	38	19.1-	Y	Y
74524	VICTORIA COLL	VICTORIA	2	7	250.0	Y	Y
74525	WAYLAND BAPTIST UNIV	PLAINVIEW	20	18	10.0-	Y	Y
74526	WEATHERFORD COLL	WEATHERFORD	47	26	44.7-	Y	N
74527	WEST TEXAS STATE UNIV	CANYON	187	170	9.1-	Y	Y
74532	WESTERN TEXAS COLL	SNYDER	5	4	20.0-	Y	Y
74528	WHARTON COUNTY JR COLL	WHARTON	13	14	7.7	Y	Y
74529	WILEY COLL	MARSHALL	9	10	11.1	Y	Y
	TOTAL TEXAS		24,170	26,205	8.4		
	UTAH						
87400	BRIGHAM YOUNG UNIV	PROVO	1,799	1,621	9.9-	Y	Y
87410B	DIXIE COLL	SAINT GEORGE	19	40	110.5	Y	Y
87410C	EASTERN UTAH, COLL OF	PRICE	8	28	250.0	Y	Y
87401	LATTER-DAY SAINTS BUS C	SALT LAKE CITY	90 E	61	32.2-	Y	N
87410H	SALT LAKE CMTY COLL	SALT LAKE CITY	48	93	93.8	Y	Y
87410D	SNOW COLL	EPHRAIM	169	215	27.2	Y	Y
87410E	SOUTHERN UTAH STATE COLL	CEDAR CITY	20	23	15.0	Y	Y
87410F	UTAH STATE UNIV	LOGAN	1,023	1,167	14.1	Y	Y
87410G	UTAH VALLEY CMTY COLL	OREM	171	206	20.5	Y	Y

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NRC	INSTITUTION	CITY	1989/90 TOTAL	1990/91 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
87410	UTAH, UNIV OF	SALT LAKE CITY	1,201	1,254	4.4	Y	Y
87410I	WEBER STATE UNIV	OGDEN	284	292	2.8	Y	Y
87420	WESTMINSTER COLL	SALT LAKE CITY	30	40	33.3	Y	Y
	TOTAL UTAH		4,862	5,040	3.7		
	VERMONT						
13401	BENNINGTON COLL	BENNINGTON	30 E	28 E	6.7-	Y	Y
13422	BURLINGTON COLL	BURLINGTON	1	0	100.0-	Y	N
13402	CASTLETON STATE COLL	CASTLETON	4	4	0.0	Y	N
13403	CHAMPLAIN COLL	BURLINGTON	8	12 E	50.0	Y	N
13404	GODDARD COLL	PLAINFIELD	16	17	6.3	Y	Y
13405	GREEN MOUNTAIN COLL	POULTNEY	24	20	16.7-	Y	Y
13417	INTL TRAINING, SCH FOR	BRATTLEBORO	480 E	49	89.8-	Y	N
13406	JOHNSON STATE COLL	JOHNSON	16	21	31.3	Y	Y
13407	LYNDON STATE COLL	LYNDONVILLE	5	9	80.0	Y	Y
13408	MARLBORO COLL	MARLBORO	7	6	14.3-	Y	Y
13409	MIDDLEBURY COLL	MIDDLEBURY	163 E	179	9.8	Y	Y
13410	NORWICH UNIV MAIN CAMPUS	NORTHFIELD	23	34	47.8	Y	Y
13419	SOUTHERN VERMONT COLL	BENNINGTON	10	3	70.0-	Y	Y
13411	ST JOSEPH IN VT, COLL OF	RUTLAND	8	13	62.5	Y	N
13412	ST MICHAEL'S COLL	COLCHESTER	207	224	8.2	Y	Y
13423	STERLING COLL	CRAFTSBURY COMM	2	2	0.0	Y	Y
13413	TRINITY COLL	BURLINGTON	4	3	25.0-	Y	Y
13410A	VERMONT COLL OF NORWICH U	MONTPELIER	6	4	33.3-	Y	Y
13418	VERMONT LAW SCH	SO ROYALTON	2	0	100.0-	Y	N
13414	VERMONT TECHNICAL COLL	RANDOLPH CENTER	5	4	20.0-	Y	Y
13421	VERMONT, CMTY COLL OF	WATERBURY	4 E	12	200.0	Y	Y
13415	VERMONT, UNIV OF	BURLINGTON	181	203	12.2	Y	Y
	TOTAL VERMONT		1,208	847	29.8-		
	VIRGIN ISLANDS						
96400	VIRGIN ISLANDS, UNIV OF	SAINT THOMAS	319	218	31.7-	Y	Y
	TOTAL VIRGIN ISLANDS		319	218	31.7-		
	VIRGINIA						
54401	AVERETT COLL	DANVILLE	20	25	25.0	Y	Y
54402	BLUEFIELD COLL	BLUEFIELD	8	10	25.0	Y	Y
54403	BRIDGEWATER COLL	BRIDGEWATER	22	28	27.3	Y	Y
54450B	CENTRAL VA CMTY COLL	LYNCHBURG	1	1	0.0	Y	Y
54468	CHRISTENDOM COLL	FRONT ROYAL	6	7	16.7	Y	Y
54462A	CHRISTOPHER NEWPORT COLL	NEWPORT NEWS	21	19	9.5-	Y	Y
54450C	DABNEY LANCASTER CC	CLIFTON FORGE	0	1	**	Y	Y
54450D	DANVILLE CMTY COLL	DANVILLE	0	N		N	N
54450E	EASTERN SHORE CMTY COLL	MELFA	0	1	**	Y	Y
54464	EASTERN VA MEDICAL SCH	NORFOLK	1	1	0.0	Y	Y
54405	EMORY & HENRY COLL	EMORY	5	3	40.0-	Y	Y
54404	ESTN MENNONITE COLL & SEM	HARRISONBURG	39	47	20.5	Y	N
54406	FERRUM COLL	FERRUM	10	8	20.0-	Y	Y
54407	GEORGE MASON UNIV	FAIRFAX	721	785	8.9	Y	Y
54450F	GERMANNA CMTY COLL	LOCUST GROVE	0	N		N	N
54408	HAMPDEN-SYDNEY COLL	HAMPDEN-SYDNEY	3	3	0.0	Y	Y
54409	HAMPTON UNIV	HAMPTON	135	125 E	7.4-	Y	N
54469	HEALTH SCIENCES, COLL OF	ROANOKE	0	4 E	**	Y	N
54410	HOLLINS COLL	HOLLINS COLLEGE	8	12	50.0	Y	Y
54450X	J SARGEANT REYNOLDS CC	RICHMOND	14	20	42.9	Y	Y
54415	JAMES MADISON UNIV	HARRISONBURG	39	67	71.8	Y	Y
54450G	JOHN TYLER CMTY COLL	CHESTER	22	11	50.0-	Y	Y
54456	LIBERTY UNIV	LYNCHBURG	143	204	42.7	Y	Y
54413	LONGWOOD COLL	FARMVILLE	22 L	20	9.1-	Y	Y
54450H	LORD FAIRFAX CMTY COLL	MIDDLETOWN	0	N		N	N
54414	LYNCHBURG COLL	LYNCHBURG	54	61	13.0	Y	Y

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54416	MARY BALDWIN COLL	STAUNTON	23		23		0.0	Y	Y
54417	MARY WASHINGTON COLL	FREDERICKSBURG	17		13		23.5-	Y	Y
54418	MARYMOUNT UNIV	ARLINGTON	221		383		73.3	Y	Y
54450I	MOUNTAIN EMPIRE CMTY COLL	BIG STONE GAP	1		2		100.0	Y	Y
54450J	NEW RIVER CMTY COLL	DUBLIN	6		9		50.0	Y	Y
54422	NORFOLK STATE UNIV	NORFOLK	79		67		15.2-	Y	Y
54450K	NORTHERN VA CMTY COLL	ANNANDALE	1,562		1,645		5.3	Y	Y
54423	OLD DOMINION UNIV	NORFOLK	598		609		1.8	Y	Y
54450L	PATRICK HENRY CMTY COLL	MARTINSVILLE	4		0		100.0-	Y	N
54450M	PAUL D CAMP CMTY COLL	FRANKLIN	3		2		33.3-	Y	Y
54450N	PIEDMONT VA CMTY COLL	CHARLOTTESVILLE	20		12		40.0-	Y	Y
54424	PRESBY SCH CHRISTIAN ED	RICHMOND	16		17		6.3	Y	Y
54426	RADFORD UNIV	RADFORD	220		246		11.8	Y	Y
54427	RANDOLPH-MACON COLL	ASHLAND	12		16		33.3	Y	Y
54428	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	32		30		6.3-	Y	Y
54450O	RAPPAHANNOCK CMTY COLL	GLENNS	1		0		100.0-	Y	N
54467	REGENT UNIV	VIRGINIA BEACH	35		75		114.3	Y	Y
54462B	RICHARD BLAND C WM & MARY	PETERSBURG	8		7		12.5-	Y	N
54429	RICHMOND, UNIV OF	U OF RICHMOND	34		16		52.9-	Y	N
54430	ROANOKE COLL	SALEM	4		4		0.0	Y	Y
54432	SHENANDOAH UNIV	WINCHESTER	37		41		10.8	Y	Y
54433	SOUTHERN SEM COLL	BUENA VISTA	9		14		55.6	Y	Y
54450P	SOUTHSIDE VA CMTY COLL	ALBERTA	1		1		0.0	Y	Y
54450Q	SOUTHWEST VA CMTY COLL	RICHLANDS	3		4		33.3	Y	Y
54431	ST PAUL'S COLL	LAWRENCEVILLE	3		5		66.7	Y	N
54436	SWEET BRIAR COLL	SWEET BRIAR	32		30		6.3-	Y	Y
54450R	THOMAS NELSON CMTY COLL	HAMPTON	8		4		33.3-	Y	Y
54450S	TIDEWATER CMTY COLL	PORTSMOUTH	53		38		28.3-	Y	Y
54437	UNION THEOL SEM IN VA	RICHMOND	15		18		20.0	Y	Y
54466B	VIRGINIA CLINCH VLY C, U	WISE	2		5		150.0	Y	Y
54439	VIRGINIA COMMONWLTH UNIV	RICHMOND	306		346		13.1	Y	Y
54450T	VIRGINIA HIGHLANDS CC	ABINGDON	0		5		**	Y	Y
54441	VIRGINIA INTERMONT COLL	BRISTOL	25		20		20.0-	Y	Y
54446	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVILLE	512		512	E	0.0	Y	Y
54442	VIRGINIA MILITARY INST	LEXINGTON	27		28		3.7	Y	Y
54443	VIRGINIA POLY INST & ST U	BLACKSBURG	1,437		1,464	E	1.9	Y	Y
54444	VIRGINIA STATE UNIV	PETERSBURG	24		28		16.7	Y	N
54445	VIRGINIA UNION UNIV	RICHMOND	6		4	E	33.3-	Y	N
54460	VIRGINIA WESLEYAN COLL	NORFOLK	5		5		0.0	Y	Y
54450U	VIRGINIA WSTN CMTY COLL	ROANOKE	5		5		0.0	Y	Y
54461	WASHINGTON & LEE UNIV	LEXINGTON	18		15		16.7-	Y	Y
54462	WILLIAM & MARY, COLL OF	WILLIAMSBURG	253		256		1.2	Y	Y
54450V	WYTHEVILLE CMTY COLL	WYTHEVILLE	1		0		100.0-	Y	N
	TOTAL VIRGINIA		6,970		7,487		7.4		
	WASHINGTON								
91430	BELLEVUE CMTY COLL	BELLEVUE	93		120		29.0	Y	Y
91401	BIG BEND CMTY COLL	MOSES LAKE	41		48		17.1	Y	Y
91402	CENTRAL WASHINGTON UNIV	ELLENSBURG	131		124		5.3-	Y	Y
91403	CENTRALIA COLL	CENTRALIA	7		8		14.3	Y	Y
91449	CITY UNIV	BELLEVUE	165		162	E	1.8-	Y	Y
91404	CLARK COLL	VANCOUVER	96		100		4.2	Y	N
91405	COLUMBIA BASIN CMTY COLL	PASCO	7		3		57.1-	Y	Y
91445	CORNISH COLL OF THE ARTS	SEATTLE	17		16		5.9-	Y	Y
91406	EASTERN WASHINGTON UNIV	CHENEY	455		585		28.6	Y	Y
91407	EDMONDS CMTY COLL	LYNNWOOD	513		526		2.5	Y	Y
91408	EVERETT CMTY COLL	EVERETT	43		69		60.5	Y	Y
91440	EVERGREEN STATE COLL	OLYMPIA	22		36		63.6	Y	Y
91411	GONZAGA UNIV	SPOKANE	231		264		14.3	Y	Y
91412	GRAYS HARBOR COLL	ABERDEEN	5		5	E	0.0	Y	Y
91413	GREEN RIVER CMTY COLL	AUBURN	84		119		41.7	Y	Y
91450	GRIFFIN COLL	SEATTLE	28	L	52		85.7	Y	Y
91410	HERITAGE COLL	TOPPENISH	2		3		50.0	Y	Y
91414	HIGHLINE CMTY COLL	DES MOINES	81		46		43.2-	Y	Y
91415	LOWER COLUMBIA COLL	LONGVIEW	4		5		25.0	Y	Y

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91451	LUMMI CMTY COLL	BELLINGHAM	0	N		N	N
91422B	NORTH SEATTLE CMTY COLL	SEATTLE	42	229	445.2	Y	Y
91416	NORTHWEST COLL	KIRKLAND	15	17	13.3	Y	Y
91417	OLYMPIC COLL	BREMERTON	74	40	45.9-	Y	Y
91418	PACIFIC LUTHERAN UNIV	TACOMA	140	142	1.4	Y	Y
91419	PENINSULA COLL	PORT ANGELES	26	20	23.1-	Y	Y
91409	PIERCE COLL	TACOMA	16	27	68.8	Y	Y
91420	PUGET SOUND, UNIV OF	TACOMA	26	30	15.4	Y	Y
91422A	SEATTLE CENTRAL CMTY COLL	SEATTLE	102	106	3.9	Y	Y
91423	SEATTLE PACIFIC UNIV	SEATTLE	164	160 E	2.4-	Y	N
91424	SEATTLE UNIV	SEATTLE	387	368 E	4.9-	Y	N
91425	SHORELINE CMTY COLL	SEATTLE	275	312	13.5	Y	Y
91426	SKAGIT VALLEY COLL	MOUNT VERNON	56	75	33.9	Y	Y
91442	SOUTH PUGET SOUND CMTY C	OLYMPIA	6	34	466.7	Y	Y
91422C	SOUTH SEATTLE CMTY COLL	SEATTLE	146	145	0.7-	Y	Y
91427	SPOKANE CMTY COLL	SPOKANE	20	50	150.0	Y	Y
91443	SPOKANE FALLS CMTY COLL	SPOKANE	48	67	39.6	Y	Y
91421	ST MARTIN'S COLL	LACEY	62	55	11.3-	Y	Y
91429	TACOMA CMTY COLL	TACOMA	111	124 E	11.7	Y	N
91431	WALLA WALLA CMTY COLL	WALLA WALLA	34	34	0.0	Y	Y
91430	WALLA WALLA COLL	COLLEGE PLACE	86	84	2.3-	Y	Y
91432	WASHINGTON STATE UNIV	PULLMAN	963	989	2.7	Y	Y
91433	WASHINGTON, UNIV OF	SEATTLE	1,681	1,776	5.7	Y	Y
91434	WENATCHEE VALLEY COLL	WENATCHEE	10	10	0.0	Y	Y
91435	WESTERN WASHINGTON UNIV	BELLINGHAM	177	227	28.2	Y	Y
91444	WHATCOM CMTY COLL	BELLINGHAM	16	44	175.0	Y	Y
91436	WHITMAN COLL	WALLA WALLA	34	33	2.9-	Y	Y
91437	WHITWORTH COLL	SPOKANE	51 L	38	25.5-	Y	Y
91438	YAKIMA VALLEY CMTY COLL	YAKIMA	65 E	98 E	50.8	Y	N
	TOTAL WASHINGTON		6,858	7,625	11.2		
	WEST VIRGINIA						
55400	ALDERSON BROADDUS COLL	PHILIPPI	30	29	3.3-	Y	Y
55402	BECKLEY COLL	BECKLEY	3	1	66.7-	Y	Y
55403	BETHANY COLL	BETHANY	39	37	5.1-	Y	N
55404	BLUEFIELD STATE COLL	BLUEFIELD	21	13	38.1-	Y	Y
55411	CHARLESTON, UNIV OF	CHARLESTON	39	33	15.4-	Y	Y
55405	CONCORD COLL	ATHENS	21	23	9.5	Y	Y
55406	DAVIS & ELKINS COLL	ELKINS	24	23	4.2-	Y	Y
55407	FAIRMONT STATE COLL	FAIRMONT	16	32	100.0	Y	Y
55408	GLENVILLE STATE COLL	GLENVILLE	40	37	7.5-	Y	Y
55410	MARSHALL UNIV	HUNTINGTON	109 E	90 E	17.4-	Y	Y
55413	OHIO VALLEY COLL	PARKERSBURG	7	4	42.9-	Y	Y
55421C	POTOMAC STATE COLL	KEYSER	0	N		N	N
55415	SALEM-TEIKYO UNIV	SALEM	30	202	573.3	Y	Y
55416	SHEPHERD COLL	SHEPHERDSTOWN	8	9 E	12.5	Y	Y
55417A	STHN W VA CC LOGAN	LOGAN	0	0		Y	N
55417B	STHN W VA CC WILLIAMSON	WILLIAMSON	1	0	100.0-	Y	N
55418	WEST LIBERTY STATE COLL	WEST LIBERTY	17	18	5.9	Y	Y
55424	WEST VA COLL GRAD STUDIES	INSTITUTE	0	N		N	N
55419	WEST VA INST TECHNOLOGY	MONTGOMERY	77	74	3.9-	Y	Y
55425	WEST VA NTHN CMTY COLL	WHEELING	4	7	75.0	Y	Y
55420	WEST VA STATE COLL	INSTITUTE	6	5	16.7-	Y	Y
55421	WEST VA UNIV	MORGANTOWN	855	913	6.8	Y	Y
55414	WEST VA UNIV PARKERSBURG	PARKERSBURG	0	4	**	Y	Y
55422	WEST VA WESLEYAN COLL	BUCKHANNON	37 L	59	59.5	Y	N
55423	WHEELING JESUIT COLL	WHEELING	33	40	21.2	Y	Y
	TOTAL WEST VIRGINIA		1,417	1,653	16.7		
	WISCONSIN						
35400	ALVERNO COLL	MILWAUKEE	5	10	100.0	Y	Y
35465	BELLIN COLL OF NURSING	GREEN BAY	0	0		Y	N
35401	BELOIT COLL	BELOIT	68	103	51.5	Y	Y

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35453	BLACKHAWK TECHNICAL COLL	JANESVILLE	0	1	**	Y	Y
35402	CARDINAL STRITCH COLL	MILWAUKEE	7	8	14.3	Y	Y
35403	CARROLL COLL	WAUKESHA	11	19	72.7	Y	Y
35404	CARTHAGE COLL	KENOSHA	21	23	9.5	Y	Y
35450	CHIPPEWA VALLEY TECH COLL	EAU CLAIRE	0	1	**	Y	Y
35464	COLUMBIA COLL OF NURSING	MILWAUKEE	1	0	100.0-	Y	N
35405	CONCORDIA UNIV	MEQUON	48	70	45.8	Y	Y
35408	EDGEWOOD COLL	MADISON	34	33	2.9-	Y	Y
35457	FOX VALLEY TECH INST	APPLETON	18	17	5.6-	Y	Y
35444A	GATEWAY TECH COLL-RACINE	RACINE	0	0		Y	N
35444	GATEWAY TECH INST-KENOSHA	KENOSHA	0	0		Y	N
35413	LAKELAND COLL	SHEBOYGAN	8	12	50.0	Y	Y
35449	LAKESHORE TECHNICAL COLL	CLEVELAND	2	0	100.0-	Y	N
35414	LAWRENCE UNIV	APPLETON	47	79	68.1	Y	Y
35416	MADISON AREA TECH COLL	MADISON	1	2	100.0	Y	Y
35417	MARIAN COLL FOND DU LAC	FOND DU LAC	2	2	0.0	Y	Y
35418	MARQUETTE UNIV	MILWAUKEE	477	469	1.7-	Y	Y
35419	MEDICAL COLL OF WISCONSIN	MILWAUKEE	28	3	89.3-	Y	N
35451	MID-STATE TECHNICAL COLL	WISC RAPIDS	0	0		Y	N
35421	MILWAUKEE AREA TECH COLL	MILWAUKEE	17	15 E	11.8-	Y	N
35422	MILWAUKEE SCH ENGINEERING	MILWAUKEE	35 E	40 E	14.3	Y	N
35454	MORAINE PARK TECH COLL	FOND DU LAC	2	0	100.0-	Y	N
35423	MOUNT MARY COLL	MILWAUKEE	20	16	20.0-	Y	Y
35424	MOUNT SENARIO COLL	LADYSMITH	11	20	81.8	Y	Y
35443	NICOLET AREA TECH COLL	RHINELANDER	0	0		Y	N
35452	NORTHCENTRAL TECH COLL	WAUSAU	253	280	10.7	Y	Y
35445	NORTHEAST WISC TECH INST	GREEN BAY	0	0		Y	N
35426	NORTHLAND COLL	ASHLAND	14	15	7.1	Y	Y
35458	NORTHWESTERN COLL	WATERTOWN	1	2	100.0	Y	Y
35429	RIPON COLL	RIPON	32	31	3.1-	Y	Y
35410	SILVER LAKE COLL	MANITOWOC	3	2	33.3-	Y	Y
35456	ST FRANCIS SEM	MILWAUKEE	3	3	0.0	Y	Y
35432	ST NORBERT COLL	DE PERE	11	16	45.5	Y	N
35448	STHWST WISC TECH COLL	FENNIMORE	1	2	100.0	Y	Y
35434	VITERBO COLL	LA CROSSE	8	13	62.5	Y	Y
35455	WAUKESHA COUNTY TECH INST	PEWAUKEE	2	1	50.0-	Y	Y
35446	WESTERN WISC TECH COLL	LA CROSSE	0	0		Y	N
35440Y	WISCONSIN CENTERS, U OF	MADISON	85	103 E	21.2	Y	Y
35440B	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	182	172	5.5-	Y	Y
35440C	WISCONSIN GREEN BAY, U OF	GREEN BAY	59	69	16.9	Y	Y
35463	WISCONSIN INDIANHEAD TECH	SHELL LAKE	0	0		Y	N
35440D	WISCONSIN LA CROSSE, U OF	LA CROSSE	79	87	10.1	Y	Y
35462	WISCONSIN LUTHERAN COLL	MILWAUKEE	4	3	25.0-	Y	Y
35440	WISCONSIN MADISON, U OF	MADISON	3,295	3,565	8.2	Y	Y
35440G	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	675	667	1.2-	Y	Y
35440H	WISCONSIN OSHKOSH, U OF	OSHKOSH	80	81	1.3	Y	N
35440J	WISCONSIN PARKSIDE, U OF	KENOSHA	35	36	2.9	Y	Y
35440K	WISCONSIN PLATTEVL, U OF	PLATTEVILLE	46	50	8.7	Y	Y
35440M	WISCONSIN RIVER FALLS, U	RIVER FALLS	62	66	6.5	Y	Y
35466	WISCONSIN SCH PROF PSYCH	MILWAUKEE	0	0		Y	N
35440Q	WISCONSIN STEVNS PNT,U OF	STEVENS POINT	275	281	2.2	Y	Y
35440R	WISCONSIN STOUT, UNIV OF	MENOMONIE	193	185	4.1-	Y	Y
35440T	WISCONSIN SUPERIOR, U OF	SUPERIOR	34	32	5.9-	Y	Y
35440W	WISCONSIN WHITEWATER,U OF	WHITEWATER	143	176	23.1	Y	Y
	TOTAL WISCONSIN		6,438	6,881	6.9		

TOTAL COLUMNS LEGEND: C-CLOSED. E-ESTIMATE. F-FIRST POLLING. L-LAST YEAR'S TOTAL. M-MERGED. N-NO REPLY. Z-NOT ACCREDITED BY REGIONAL ACCREDITING COMMISSIONS.
RESPONSE LEGEND (LAST COLUMN): S1: STEP 1. S2: STEP2. Y-RESPONSE RECEIVED. N-NOT RECEIVED.

NRC	INSTITUTION	CITY	1989/90 TOTAL		1990/91 TOTAL	% CHANGE	RESPONSE S1	RESPONSE S2
	WYOMING							
83400	CASPER COLL	CASPER	8		22	175.0	Y	Y
83401	CENTRAL WYOMING COLL	RIVERTON	12		22	83.3	Y	Y
83402	EASTERN WYOMING COLL	TORRINGTON	4		3	25.0-	Y	Y
83407	LARAMIE COUNTY CMTY COLL	CHEYENNE	9		16	77.8	Y	Y
83403	NORTHWEST COLL	POWELL	17	E	23	35.3	Y	Y
83404	SHERIDAN COLL	SHERIDAN	17		23	35.3	Y	Y
83405	WESTERN WYOMING COLL	ROCK SPRINGS	4		11	175.0	Y	Y
83406	WYOMING, UNIV OF	LARAMIE	456	E	429	5.9-	Y	Y
	TOTAL WYOMING		527		549	4.2		
			386,851		407,529	5.3		

FINAL TOTALS
INSTITUTIONS LISTED -- 2,881

A.2 FOREIGN STUDENT ENROLLMENT BY COUNTRY OF ORIGIN

Appendix A.2 presents the distribution of nonimmigrant foreign students in institutions of higher education in the United States by country, or other locality; continental subregion; and world region of origin. The following statistics are presented:

1. The **1989/90 Extrapolated Count**, based on data reported in *Open Doors: 1989/90*.

2. **Base Number**: the actual number of students for whom place-of-origin information was provided in the Annual Census (Step 2 form) in 1990/91. Step 2 Reports were provided by 2,254 institutions, reporting a total of 376,062 international students. Place-of-origin information was available for 365,182 students.

3. **Percentage Distribution**: the percentage foreign students from each country or other place of origin constitute of the total number of students for whom place-of-origin information was provided in 1990/91 (365,182 students). Percentages were not calculated for places with fewer than 190 students.

4. The **1990/91 Extrapolated Count**: an estimate of the number of students from each location based on the World Total of 407, 530 foreign students, which is the rounded actual number of all nonimmigrant students reported in the survey in 1990/91. The World Total includes (**a**) the Base Number, 365,182 students for whom detailed country data were provided on the Step 2 form, (**b**) 10,880 students who were reported on the Step 2 forms, but for whom place-of-origin information was not given, and (**c**) an additional 31,467 students reported on the Step 1 card by 298 institutions that did not provide Step 2 data.

   For countries with a Base Number of 190 or more reported students, the Base Number was multiplied by 1.1160 and rounded to the nearest 10 to determine their extrapolated share of the total student count of 407,530. These figures are used in **Part II** of this publication.

5. **Percent Change** from 1989/90 to 1990/91. Where available, Extrapolated Counts are used for the calculations; Base Numbers are used otherwise.

Foreign Student Enrollment by Country or Other Place of Origin, 1989/90-1990/91

	AFRICA				
	1989/90	1990/91			
Region/Locality	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
EASTERN AFRICA					
Kenya	2,200	2,112	0.6	2,360	7.3
Ethiopia	2,020	1,796	0.5	2,000	-1.0
Tanzania	560	495	0.1	550	-1.8
Zimbabwe	480	493	0.1	550	14.6
Uganda	470	472	0.1	530	12.8
Somalia	420	372	0.1	420	0.0
Zambia	380	363	0.1	410	7.9
Malawi	300	199	0.1	220	-26.7
Mauritius	152 *	157			3.3
Rwanda	89 *	101			13.5
Madagascar	70 *	76			8.6
Burundi	54 *	60			11.1
Mozambique	27 *	45			66.7
Seychelles	21 *	25			19.0
Djibouti	19 *	18			-5.3
Comoros	14 *	17			21.4
Reunion	1 *	1			0.0
Eastern Africa Unspecified	**3 ***	**2**			**-33.3**
Eastern Africa Total	**7,330**	**6,804**	**1.9**	**7,590**	**3.5**

** This is the base number, which is too small to be extrapolated*

Foreign Student Enrollment by Country or Other Place of Origin, 1989/90-1990/91

Region/Locality	AFRICA				
	1989/90	1990/91			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
CENTRAL AFRICA					
Cameroon	1,240	913	0.3	1,020	-17.7
Zaire	380	383	0.1	430	13.2
Congo	39 *	39			0.0
Gabon	22 *	37			68.2
Angola	34 *	32			-5.9
Chad	15 *	32			113.3
Sao Tome & Principe	16 *	13			-18.8
Central African Republic	22 *	12			-45.5
Equatorial Guinea	16 *	12			-25.0
Central Africa, Unspecified	2 *	3			50.0
Central Africa Total	**1,800**	**1,476**	**0.4**	**1,650**	**-8.3**
NORTH AFRICA					
Egypt	1,700	1,592	0.4	1,780	4.7
Morocco	1,140	955	0.3	1,070	-6.1
Tunisia	660	530	0.1	590	-10.6
Sudan	540	506	0.1	560	3.7
Algeria	480	360	0.1	400	16.7
Libya	210	119			†
Western Sahara	0	7			—
North Africa Total	**4,740**	**4,069**	**1.1**	**4,540**	**-4.2**
SOUTHERN AFRICA					
South Africa	2,050	1,947	0.5	2,170	5.9
Botswana	230	216	0.1	240	4.3
Namibia	152 *	160			5.3
Swaziland	157 *	141			-10.2
Lesotho	115 *	76			-33.9
Southern Africa Total	**2,750**	**2,540**	**0.7**	**2,840**	**3.3**
WEST AFRICA					
Nigeria	4,480	3,328	0.9	3,710	-17.2
Ghana	1,030	985	0.3	1,100	6.8
Liberia	610	464	0.1	520	-14.8
Sierra Leone	400	338	0.1	380	-5.0
Ivory Coast	350	303	0.1	340	-2.9
Senegal	240	227	0.1	250	4.2
Gambia	220	213	0.1	240	9.1
Mali	117 *	135			15.4
Cape Verde	107 *	95			-11.2
Togo	99 *	76			-23.2
Guinea	45 *	56			24.4
Niger	49 *	54			10.2
Mauritania	43 *	47			9.3
Burkina Faso	39 *	46			17.9
Benin	27 *	29			7.4
Guinea-Bissau	11 *	15			36.4
St. Helena	0	2			—
West Africa, Unspecified	13 *	15			15.4
West Africa Total	**7,950**	**6,428**	**1.8**	**7,180**	**-9.7**
AFRICA, UNSPECIFIED	**7 ***	**9**			**28.6**
AFRICA, GRAND TOTAL	**24,570**	**21,326**	**5.9**	**23,800**	**-3.1**

** This is the base number, which is too small to be extrapolated.*
†Percentage change was not calculated from the 1989/90 base number to the 1990/91extrapolated count.

Foreign Student Enrollment by Country or Other Place of Origin, 1989/90-1990/91

Region/Locality	ASIA				
	1989/90	1990/91			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
EAST ASIA					
China	33,390	35,482	9.7	39,600	18.6
Japan	29,840	32,807	9.0	36,610	22.7
Taiwan	30,960	30,047	8.2	33,530	8.3
Korea, Republic of	21,710	20,934	5.7	23,360	7.6
Hong Kong	11,230	11,313	3.1	12,630	12.5
Macao	140 *	212	0.1	240	†
Korea, Dem. People's Republic of	31 *	45			45.2
Mongolia	2 *	4			100.0
East Asia Total	**127,320**	**130,844**	**35.8**	**146,020**	**14.7**
SOUTH AND CENTRAL ASIA					
India	26,240	25,858	7.1	28,860	10.0
Pakistan	7,070	6,922	1.9	7,730	9.3
Bangladesh	2,470	2,270	0.6	2,530	2.4
Sri Lanka	2,210	2,079	0.6	2,320	5.0
Nepal	610	600	0.2	670	9.8
Afghanistan	220	202	0.1	230	4.5
Bhutan	29 *	28			-3.4
Maldives	3 *	5			66.7
South and Central Asia Total	**38,840**	**37,964**	**10.4**	**42,370**	**9.1**
SOUTHEAST ASIA					
Malaysia	14,110	12,192	3.3	13,610	-3.5
Indonesia	9,390	8,534	2.3	9,520	1.4
Thailand	6,630	6,355	1.7	7,090	6.9
Singapore	4,440	4,028	1.1	4,500	1.4
Philippines	4,540	3,829	1.0	4,270	-5.9
Vietnam	1,850	1,251	0.3	1,400	-24.3
Laos	460	417	0.1	470	2.2
Myanmar	340	367	0.1	410	20.6
Cambodia	145 *	144			-0.7
Brunei	15 *	18			20.0
Southeast Asia Total	**41,950**	**37,135**	**10.2**	**41,440**	**-1.2**
ASIA, GRAND TOTAL	**208,110**	**205,943**	**56.4**	**229,830**	**10.4**

**This is the base number, which is too small to be extrapolated.*

†Percentage change was not calculated from the 1989/90 base number to the 1990/91extrapolated count.

Foreign Student Enrollment by Country or Other Place of Origin, 1989/90-1990/91

Region/Locality	EUROPE				
	1989/90	1990/91			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
EASTERN EUROPE					
Poland	1,010	1,108	0.3	1,240	22.8
U.S.S.R.	510	1,081	0.3	1,210	137.3
Yugoslavia	1,070	1,079	0.3	1,200	12.1
Hungary	440	454	0.1	510	15.9
Romania	120 *	222	0.1	250	†
Bulgaria	75 *	172			129.3
Czechoslovakia	87 *	158			81.6
Albania	1 *	7			600.0
Eastern Europe Total	**3,360**	**4,281**	**1.2**	**4,780**	**42.3**
WESTERN EUROPE					
United Kingdom	7,100	6,540	1.8	7,300	2.8
Germany	6,750	6,275	1.7	7,000	3.7
France	5,340	5,048	1.4	5,630	5.4
Greece	4,430	3,904	1.1	4,360	-1.6
Spain	3,640	3,857	1.1	4,300	18.1
Italy	2,370	2,144	0.6	2,390	0.8
Norway	2,160	2,105	0.6	2,350	8.8
Sweden	1,740	1,818	0.5	2,030	16.7
Netherlands	1,840	1,815	0.5	2,030	10.3
Switzerland	1,240	1,202	0.3	1,340	8.1
Ireland	1,380	1,107	0.3	1,240	-10.1
Belgium	920	841	0.2	940	2.2
Finland	740	797	0.2	890	20.3
Denmark	820	755	0.2	840	2.4
Iceland	820	677	0.2	760	-7.3
Portugal	690	608	0.2	680	-1.4
Austria	580	593	0.2	660	13.8
Luxembourg	41 *	44			7.3
Malta	45 *	39			-13.3
Monaco	9 *	14			55.6
Liechtenstein	3 *	6			100.0
Andorra	6 *	2			-66.7
Gibraltar	0	2			—
San Marino	4 *	1			-75.0
Vatican City	1 *	1			0.0
Western Europe Total	**42,680**	**40,195**	**11.0**	**44,860**	**5.1**
EUROPE, GRAND TOTAL	**46,040**	**44,476**	**12.2**	**49,640**	**7.8**

** This is the base number, which is too small to be extrapolated.*
†Percentage change was not calculated from the 1989/90 base number to the 1990/91 extrapolated count.

Foreign Student Enrollment by Country or Other Place of Origin, 1989/90-1990/91

Region/Locality	LATIN AMERICA				
	1989/90	1990/91			
	Extrapolated Count	Base Number	% Distribution	Extrapolated Count	% Change
CARIBBEAN					
Jamaica	2,850	2,196	0.6	2,450	-14.0
Trinidad and Tobago	2,160	2,007	0.5	2,240	3.7
Bahamas	1,640	1,654	0.5	1,850	12.8
Haiti	1,490	1,299	0.4	1,450	-2.7
Cuba	980	970	0.3	1,080	10.2
Dominican Republic	960	862	0.2	960	0.0
Netherlands Antilles	730	602	0.2	670	-8.2
Barbados	450	420	0.1	470	4.4
Antigua	240	223	0.1	250	4.2
Grenada	174 *	190	0.1	210	†
St. Kitts-Nevis	134 *	139			3.7
Dominica	82 *	103			25.6
St. Lucia	83 *	84			1.2
Cayman Islands	69 *	83			20.3
St. Vincent	68 *	76			11.8
British Virgin Islands	106 *	60			-43.4
Aruba	27 *	25			-7.4
Turks and Caicos Islands	24 *	22			-8.3
Montserrat	20 *	18			-10.0
Leeward Islands	3 *	9			200.0
Anguilla	25 *	7			-72.0
Guadeloupe	10 *	7			-30.0
Martinique	14 *	7			-50.0
Windward Islands	16 *	3			-81.3
Caribbean, Unspecified	120 *	233	0.1	260	†
Caribbean Total	**12,580**	**11,299**	**3.1**	**12,610**	**0.2**
CENTRAL AMERICA					
Mexico	6,540	6,039	1.7	6,740	3.1
Nicaragua	2,450	2,052	0.6	2,290	-6.5
Panama	2,260	1,800	0.5	2,010	-11.1
Honduras	1,470	1,177	0.3	1,310	-10.9
El Salvador	1,370	1,088	0.3	1,210	-11.7
Costa Rica	1,060	987	0.3	1,100	3.8
Guatemala	1,030	858	0.2	960	-6.8
Belize	360	291	0.1	330	-8.3
Central America, Unspecified	0	1			—
Central America Total	**16,540**	**14,293**	**4.0**	**15,950**	**-3.6**
SOUTH AMERICA					
Brazil	3,730	3,493	1.0	3,900	4.6
Colombia	3,320	2,852	0.8	3,180	-4.2
Venezuela	2,740	2,593	0.7	2,890	5.5
Peru	2,750	2,507	0.7	2,800	1.8
Argentina	1,810	1,713	0.5	1,910	5.5
Ecuador	1,170	1,009	0.3	1,130	-3.4
Chile	1,100	986	0.3	1,100	0.0
Bolivia	1,060	862	0.2	960	-9.4
Guyana	510	405	0.1	450	-11.8
Uruguay	280	225	0.1	250	-10.7
Paraguay	230	214	0.1	240	4.3
Suriname	230	181			†
Falkland Islands	0	5			—
French Guiana	3 *	3			0.0
South America Total	**18,970**	**17,048**	**4.7**	**19,020**	**0.3**
LATIN AMERICA, GRAND TOTAL	**48,090**	**42,640**	**11.8**	**47,580**	**-1.1**

** This is the base number, which is too small to be extrapolated.*

†Percentage change was not calculated from the 1989/90 base number to the 1990/91extrapolated count.

Foreign Student Enrollment by Country or Other Place of Origin, 1989/90-1990/91

Region/Locality	1989/90 Extrapolated Count	1990/91 Base Number	1990/91 % Distribution	1990/91 Extrapolated Count	% Change
MIDDLE EAST					
Iran	7,440	5,611	1.5	6,260	-15.9
Jordan	5,250	3,872	1.1	4,320	-17.7
Turkey	3,400	3,654	1.0	4,080	20.0
Lebanon	4,450	3,494	1.0	3,900	-12.4
Saudi Arabia	4,110	3,212	0.9	3,590	-12.7
Israel	2,910	2,668	0.7	2,980	2.4
Cyprus	1,750	1,532	0.4	1,710	-2.3
Kuwait	2,280	1,455	0.4	1,620	-28.9
United Arab Emirates	1,450	1,208	0.3	1,350	-6.9
Syria	1,500	1,151	0.3	1,280	14.7
Yemen	620	495	0.1	550	-11.3
Iraq	770	487	0.1	540	-29.9
Oman	620	438	0.1	490	-21.0
Qatar	480	395	0.1	440	-8.3
Bahrain	310	279	0.1	310	0.0
MIDDLE EAST, GRAND TOTAL	**37,330**	**29,951**	**8.1**	**33,420**	**-10.5**
NORTH AMERICA					
Canada	17,870	16,443	4.5	18,350	2.7
Bermuda	720	537	0.1	600	-16.7
NORTH AMERICA , GRAND TOTAL	**18,590**	**16,980**	**4.6**	**18,950**	**1.9**
OCEANIA					
Australia	1,740	1,708	0.5	1,910	9.8
Pacific Islands, Trust Territory of the	960	833	0.2	930	-3.1
New Zealand	610	587	0.2	660	8.2
Western Samoa	128 *	152			18.8
Fiji	158 *	141			-10.8
Tonga	116 *	139			19.8
French Polynesia	95 *	81			-14.7
Palau	71 *	43			-39.4
Kiribati	25 *	35			40.0
Papua New Guinea	16 *	22			37.5
Cook Islands	2 *	17			750.0
Marshall Islands	10 *	14			40.0
Niue	1 *	7			600.0
New Caledonia	7 *	5			-28.6
Solomon Islands	1 *	3			200.0
Tuvalu	1 *	2			100.0
Vanuatu	1 *	2			100.0
Nauru	0	1			—
OCEANIA, GRAND TOTAL	**4,010**	**3,792**	**1.0**	**4,230**	**5.5**
STATELESS	**110**	**74**	**—**	**80**	**-27.3**
WORLD TOTAL	**386,850**	**365,182**	**100.0**	**407,530**	**5.3**

** This is the base number, which is too small to be extrapolated.*

OPEN DOORS DATA

IEDC International Education Data Collection Committee AACRAO • IIE • NAFSA

October 1, 1990

Dear Colleague:

Once again, The Institute of International Education, on behalf of the International Education Data Collection Committee, must ask your assistance in providing data on educational exchange by completing the Census of Foreign Students for the 1990/91 academic year.

Last year, over 98% of you responded to the Census, with 2,546 indicating that you hosted foreign students. It is this kind of response that makes *Open Doors* the annual publication based on this data, the most comprehensive and accurate source of information on foreign students in the United States.

The results of last year's census will appear in the 1989/90 edition of *Open Doors*, due out later this fall. It is your dedication and hard work that make its publication possible. Both IIE, IEDC and the thousands who rely on these data deeply appreciate your efforts.

This year, in order for *Open Doors* to accurately reflect foreign study in the U.S., it is extremely important that **every** school reply to the census. Would you, therefore, please provide the requested data as soon as possible?

We are enclosing two forms this year:

(1) STEP 1: PRELIMINARY REPLY CARD: This allows us to estimate as accurately as possible the total number of foreign students in this country. Please complete and return it **immediately**.

(2) STEP 2: INSTITUTIONAL DATA REPLY FORM: This contains most of the data published in *Open Doors*. Please return this form by **October 31, 1990** or as soon thereafter as possible.

PLEASE NOTE: IIE is continuing its effort to collect STEP 2 data on tape or diskette and encourages you to transmit the data in this format if you can meet IIE's file specifications. If you are able to submit the data in electronic form, please so indicate on the Preliminary Reply card and we will send you special instructions on the type of format that is necessary.

Once again, the deadline for returning the STEP 2 FORM is **October 31**. Please respond as quickly as possible. Your early response will help us get *Open Doors* to you sooner.

Completed forms and inquiries should be addressed to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, New York 10017
Telephone: (212) 984-5349

Thank you very much for your assistance.

Sincerely,

Gerald Bowker
President,
American Association
of Collegiate Registrars
and Admissions Officers

Richard M. Krasno
President,
Institute of
International Education

Martin Limbird
President,
NAFSA: Association
of International
Educators

STEP 1 — Preliminary Reply Card

OPEN DOORS DATA • ANNUAL CENSUS OF FOREIGN STUDENTS 1990/91

IEDC International Education Data Collection Committee — AACRAO • IIE • NAFSA

Please complete and return this card immediately, **even if you have no foreign non-immigrant students.**

Title/Office
Reporting Official
Institution
City State Zip
Telephone

For future use, the above label should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number. Please make any necessary changes.

1. Are there any foreign students (**non-immigrants**) enrolled at your institution for the 1990/91 fall term?

☐ YES ☐ NO

2. If "Yes," fill in total number: ☐

3. This number is:

☐ Actual
☐ Estimated

IEDC AACRAO • IIE • NAFSA International Education Data Collection Committee

OPEN DOORS DATA • ANNUAL CENSUS OF FOREIGN STUDENTS 1990/91

DEFINITIONS

A. TOTAL FOREIGN STUDENTS — a foreign student is anyone enrolled for courses in the United States who is **not** an immigrant (permanent resident) or a citizen. Refugees **are** included. **DO NOT INCLUDE RESIDENT ALIENS (HOLDING "GREEN CARDS" — I-151).**

B. GENDER — the numbers of male and female foreign students enrolled at your institution.

C. MARITAL STATUS — the numbers of single and married foreign students at your institution.

D. VISA TYPE REFUGEE — the number of foreign students with **temporary visas** enrolled at your institution by the type of visa they hold, and the number of **refugees** enrolled at your institution.

E. PRIMARY SOURCE OF FUNDS — the single **greatest source** of funds for all educational expenses including associated living expenses of a foreign student enrolled in an educational institution within the United States. If a student had more than one source of funds then **use the source** which represents the **largest percentage** of all income.

(1) Personal and Family — income derived from personal or private sources, other than current employment.
(2) U.S. College University — funds obtained from a U.S. college or university (grants, scholarships, waivers, research and teaching assistantships, etc.).
(3) Home Government University — funds obtained from the government of the student's home country or from a university in the home country.
(4) U.S. Government — funds obtained from the United States government.
(5) Private (U.S.) Sponsorship — self-explanatory.
(6) Private (Foreign) Sponsorship — self-explanatory.
(7) International Organization — Examples: U.N., World Bank, etc.
(8) Current Employment — includes only off-campus employment.
(9) Other — primary source not among those listed. Please specify sources on page 4. Examples would be 50/50 splits, etc.

F. ENROLLMENT STATUS — the total numbers of foreign students who are attending classes **full time** and **part time**. Use your institution's definition of full time.

G. ACADEMIC LEVEL — the number of the foreign students who are currently enrolled this **fall** term by degree level or type of program. Under Intensive English Language include **ONLY** students with **15** or more contact hours per week.

H. FIELD OF STUDY — please use categories in Section H of this form, which are derived from the NCES (National Center for Education Statistics) **Classification of Instructional Programs**. This classification system has been developed for institutional reports for federal agencies and is being implemented in federal surveys. If you are unsure of a category, use the space provided on page 4 for additional fields. A detailed listing of this classification system appears in **Open Doors 1988/89.**

I. COUNTRY OR OTHER PLACE OF CITIZENSHIP — if you have students from countries not included on this form, please use the space provided on page 4.

GUIDELINES FOR THE RELEASE OF CENSUS DATA

Reports based on census data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

The Institute of International Education reserves the right to request that the proposed use of the data can be documented and to withhold Census data when the request is not deemed to be for appropriate scholarly research, public information or recruitment purposes.

1990/91 DATA COLLECTION STEP 2 INSTRUCTIONS

- INCLUDE **ONLY NON-IMMIGRANT FOREIGN STUDENTS** AT THE POSTSECONDARY LEVEL
- ALL INFORMATION SHOULD BE BASED ON THE **FALL TERM, 1990**
- DEADLINE FOR THE RETURN OF THIS FORM **OCTOBER 31, 1990**

STEP 2 asks institutions to provide aggregate data describing the characteristics of their foreign student population for the fall term, 1990. This information is used to develop the statistics used in **Open Doors**, a complimentary copy of which is sent to the census contact at each participating institution.

The validity of the data in **Open Doors** depends on the amount of detailed data which you provide on this form to supplement the total foreign student count you provide on the STEP 1 postcard. We encourage you to provide detail on **all** characteristics. However, if you cannot do so, any data, e.g. country of citizenship, field of study, academic level, etc., will be accepted.

Printed in this year's STEP 2 form you will find information about your institution and about foreign students for the year 1989/90. The **Basic Institutional Data** (1) should be carefully reviewed and any corrections should be made on the form. Please write your telephone number in the space provided. **1989/90 Census data** (2) are included **for your reference only. DO NOT ADD OR CORRECT 1989/90 DATA.** Any major differences between the two census years should, of course, be a warning that the 1990/91 figures be verified (or that the 1989/90 figures may not be correct). In cases where the data appear to have changed significantly between census years, please make sure that the definitions you are using match the definitions on this page.

Page 2 of this form is for reporting **Basic Institutional Data and the Personal and Academic Characteristics** of foreign students. Page 3 is for reporting foreign students' countries of citizenship. Page 4 provides space for the inclusion of fields of study and countries of citizenship which are not among those on pages 2 & 3.

If the data requested will be available only after the deadline date of October 31, 1990, contact IIE so that special arrangements can be made to include it in the census. Any questions should be directed to:

RESEARCH DIVISION IIE, (212) 984-5349

THIS FORM SHOULD BE RETURNED BY OCTOBER 31, 1990 TO:

RESEARCH DIVISION
INSTITUTE OF INTERNATIONAL EDUCATION
809 United Nations Plaza
New York, N.Y. 10017-3580

PLEASE CHECK ONE OF THE FOLLOWING:

☐ I would like to continue receiving **Open Doors**

☐ I would like **Open Doors** to be sent to another official in my institution (give name, title and address of official)

_____

_____

_____

_____

☐ I prefer not to receive **Open Doors**

BEST COPY AVAILABLE

STEP 2 INSTITUTIONAL DATA SEE REVERSE SIDE FOR INSTRUCTIONS PAGE 2

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OPEN DOORS DATA • ANNUAL CENSUS OF FOREIGN STUDENTS 1990/91

CENSUS CONTACT (Please make all necessary changes.)

University
Contact Name
Title
Address
City State
Zip
Telephone: ( )

BASIC INSTITUTIONAL DATA (Please make all necessary changes.)

Total School Enrollment
Student Body
Calendar
Highest Offering

A. TOTAL FOREIGN STUDENTS (Do not change any 1989/90 data.)

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL	90/91 Actual	Estimated
Non-Immigrants Only							

B. GENDER

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
Male					
Female					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

C. MARITAL STATUS

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
Single					
Married					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

D. VISA TYPE-REFUGEE (Note: Non-Immigrant Only)

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
F-VISA					
J-VISA					
M-VISA					
OTHER VISA					
REFUGEE					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

E. PRIMARY SOURCE OF FUNDS

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
PERSONAL AND FAMILY					
U.S. COLLEGE/UNIVERSITY (non-RA/TA/fellowship)					
HOME GOVERNMENT UNIVERSITY					
U.S. GOVERNMENT					
PRIVATE (U.S.) SPONSOR					
PRIVATE (FOREIGN) SPONSOR					
INTERNATIONAL ORGANIZATION					
CURRENT EMPLOYMENT					
OTHER (Please specify on Page 4.)					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

F. ENROLLMENT STATUS

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
FULL TIME STUDENTS					
PART TIME STUDENTS					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

G. ACADEMIC LEVEL

ASSOCIATE (Both 1st & 2nd Year)

1989/90	1990/91

BACHELORS

	1989/90	1990/91
FRESHMAN		
SOPHOMORE		
JUNIOR		
SENIOR		
UNSPECIFIED		

GRADUATE

	1989/90	1990/91
MASTER'S		
DOCTORATE		
PROFESSIONAL		
UNSPECIFIED		

OTHER

	1989/90	1990/91
(Practical Training)		
(OPT)		
(Refugee (RE) or Asylee (AS) or more certain hours per week)		

TOTAL CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS

H. FIELD OF STUDY

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
01 Agribusiness and Agricultural Production					
02 Agricultural Sciences					
03 Renewable Natural Resources					
04 Architecture and Environmental Design					
05 Area and Ethnic Studies					
06 Business and Management					
07 Business and Office					
08 Marketing and Distribution					
09 Communications					
10 Communications Technologies					
11 Computer and Information Sciences					
12 Consumer, Personal and Misc. Services					
13 Education					
14 Engineering					
15 Engineering and Related Technologies					
16 Foreign Languages					
17 Allied Health					
18 Health Sciences					
19 Home Economics					
20 Vocational Home Economics					
21 Industrial Arts					
22 Law					
23 Letters					
24 Liberal/General Studies					
25 Library and Archival Sciences					
26 Life Sciences					

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
27 Mathematics					
28 Military Sciences					
29 Military Technologies					
30 Multi-/Interdisciplinary Studies					
31 Parks and Recreation					
32 Basic Skills					
33 Citizenship/Civic Activities					
34 Health-Related Activities					
35 Interpersonal Skills					
36 Leisure and Recreational Activities					
37 Personal Awareness					
38 Philosophy and Religion					
39 Theology					
40 Physical Sciences					
41 Science Technologies					
42 Psychology					
43 Protective Services					
44 Public Affairs					
45 Social Sciences					
46 Construction Trades					
47 Mechanics and Repairs					
48 Precision Production					
49 Transportation and Material Moving					
50 Visual and Performing Arts					
60 Intensive English Language					
99 Undeclared					

THIS CATEGORY SHOULD ADD UP TO TOTAL FOREIGN STUDENTS. PLEASE LIST ADDITIONAL FIELDS ON PAGE 4.

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OPEN DOORS DATA • ANNUAL CENSUS OF FOREIGN STUDENTS 1990/91

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
2205 Afghanistan					
1310 Algeria					
1210 Angola					
4151 Antigua					
4386 Argentina					
6110 Australia					
3296 Austria					
4165 Bahamas					
2486 Bahrain					
2210 Bangladesh					
4110 Barbados					
3218 Belgium					
4210 Belize					
5110 Bermuda					
4310 Bolivia					
1410 Botswana					
4315 Brazil					
2310 Burma (Myanmar)					
2329 Cambodia					
1220 Cameroon					
5120 Canada					
1505 Cape Verde					
1240 Chad					
4320 Chile					
2110 China, People's Republic of					
4325 Colombia					
4230 Costa Rica					
4120 Cuba					
2410 Cyprus					
3130 Czechoslovakia					
3213 Denmark					
4125 Dominican Republic					
4330 Ecuador					
1330 Egypt					
4240 El Salvador					
1125 Ethiopia					
6215 Fiji					
3220 Finland					
3223 France					
6220 French Polynesia					
1515 Gambia					
3229 Germany, Fed. Rep. of					
1520 Ghana					
3236 Greece					

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
4192 Grenada					
4250 Guatemala					
4345 Guyana					
4135 Haiti					
4260 Honduras					
2138 Hong Kong					
3150 Hungary					
3243 Iceland					
2220 India					
2315 Indonesia					
2415 Iran					
2420 Iraq					
3246 Ireland					
2425 Israel					
3250 Italy					
1535 Ivory Coast					
4140 Jamaica					
2140 Japan					
2430 Jordan					
1130 Kenya					
2160 Korea, Rep. of					
2435 Kuwait					
2325 Laos					
2440 Lebanon					
1420 Lesotho					
1540 Liberia					
1340 Libya					
3256 Luxembourg					
2170 Macao					
1135 Madagascar					
1140 Malawi					
2330 Malaysia					
1545 Mali					
1145 Mauritius					
4270 Mexico					
1350 Morocco					
2230 Nepal					
3266 Netherlands					
4170 Netherlands Antilles					
6125 New Zealand					
4280 Nicaragua					
1560 Nigeria					
3270 Norway					
2445 Oman					

	1989/90	1990/91 UG	GRAD	OTHER	TOTAL
6280 Pacific Is. Trust Terr.					
2235 Pakistan					
4290 Panama					
4350 Paraguay					
4355 Peru					
2335 Philippines					
3180 Poland					
3273 Portugal					
2450 Qatar					
3170 Romania					
2455 Saudi Arabia					
1570 Senegal					
1575 Sierra Leone					
2345 Singapore					
1175 Somalia					
1440 South Africa					
3289 Spain					
2245 Sri Lanka					
1370 Sudan					
4360 Suriname					
1450 Swaziland					
3283 Sweden					
3286 Switzerland					
2480 Syria					
2120 Taiwan					
1180 Tanzania					
2350 Thailand					
1580 Togo					
4180 Trinidad & Tobago					
1389 Tunisia					
2486 Turkey					
1185 Uganda					
3189 U.S.S.R.					
2470 United Arab Emirates					
3290 United Kingdom					
4365 Uruguay					
4370 Venezuela					
2360 Vietnam					
6290 Western Samoa					
2485 Yemeni Republic					
3190 Yugoslavia					
1290 Zaire					
1190 Zambia					
1160 Zimbabwe					

NUMBER OF FOREIGN STUDENTS FROM ADDITIONAL COUNTRIES REPORTED IN 1989/90 PLEASE LIST ADDITIONAL COUNTRIES FOR 1990/91 ON PAGE 4

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OPEN DOORS DATA • ANNUAL CENSUS OF FOREIGN STUDENTS 1990/91

OTHER FIELDS OF STUDY

Please list fields not found in Section H.

FIELDS (Please be specific: e.g. "arts and sciences" too general)	1990/91 UG	GRAD	OTHER	TOTAL

ADDITIONAL COUNTRIES

Please list here the number of students from countries other than the 132 listed on page 3.

COUNTRY	1990/91 UG	GRAD	OTHER	TOTAL	FOR IIE USE ONLY

OTHER PRIMARY SOURCES OF FUNDS

Please specify primary sources of funds not found in Section E.

PRIMARY SOURCE OF FUNDS	1990/91 UG	GRAD	OTHER	

APPENDIX B. INTENSIVE ENGLISH LANGUAGE PROGRAMS SURVEY

B.1 FOREIGN IELP STUDENT ENROLLMENT BY INSTITUTION

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
AL	ALABAMA/ELI, UNIV OF	TUSCALOOSA	74	69	006.8-	Y	Y
	GADSDEN ST JC/LANG INST	GADSDEN	87	84	003.4-	Y	Y
	SOUTH ALABAMA/ESL, U OF	MOBILE	117		100.0-	N	
	SPRING HILL COLL/IELI	MOBILE	61	50	018.0-	Y	Y
	STATE TOTAL		339	203			
AK	ALASKA PACIFIC UNIV/ELI	ANCHORAGE	23	21	008.7-	Y	Y
	STATE TOTAL		23	21			
AZ	AMERICN GRAD SCH INTL MGT	GLENDALE	4	8	100.0	Y	Y
	ARIZ STATE U/ALCP	TEMPE	153	151	001.3-	Y	A
	ARIZ/CENTER ESL, UNIV OF	TUCSON	251	246	002.0-	Y	Y
	COCHISE COLL	DOUGLAS	183	32	082.5-	Y	Y
	NORTHERN ARIZONA UNIV/ESL	FLAGSTAFF	11	17	054.5	Y	Y
	STATE TOTAL		602	454			
AR	ARKANSAS AT LITTLE ROCK,U	LITTLE ROCK	95	73	023.2-	Y	Y
	ARKANSAS STATE UNIV/ESL	STATE UNIV	21	36	071.4	Y	Y
	STATE TOTAL		116	109			
CA	ACAD OF WORLD STUDIES	SAN FRANCISCO	66	58	012.1-	Y	A
	AMERICAN LANG PROGRAMS	CAMPBELL	35		100.0-	N	
	AMERICAN LANGUAGE ACAD	BERKELEY	33	33	000.0	Y	A
	ARMSTRONG COLL	BERKELEY	96	55	042.7-	Y	A
	ASPECT ILS/LOS ANGELES	LOS ANGELES		51		Y	Y
	ASPECT ILS/SAN FRANCISCO	SAN FRANCISCO		32		Y	Y
	BERKELEY ADULT SCH	BERKELEY	147	164	011.6	Y	A
	CAL BERKELEY, UNIV OF	BERKELEY	236	246	004.2	Y	A
	CAL BERKELEY/ELP, UNIV OF	SAN FRANCISCO	156	136	012.8-	Y	A
	CAL DAVIS/ESL, UNIV OF	DAVIS	212	196	007.5-	Y	A
	CAL EXTENSION/ESL, U OF	IRVINE	247	227	008.1-	Y	A
	CAL INST OF LANGUAGE	FRESNO	400		100.0-	N	
	CAL LUTHERAN UNIV/ESL	THOUSAND OAKS	9	24	166.7	Y	Y
	CAL SAN DIEGO, U OF	LA JOLLA		245		Y	Y
	CAL ST CHICO/ESL	CHICO	72	48	033.3-	Y	Y
	CAL ST FRESNO/AM ENG INST	FRESNO	99	121	022.2	Y	A
	CAL ST HAYWARD/AM LAN PGM	HAYWARD	194	194	000.0	Y	A
	CAL ST LONG BEACH/ALI	LONG BEACH	73	71	002.7-	Y	Y

* A–Actual Number; E–Estimated Number; Y–Responded to 90/91 Survey

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	CAL ST LOS ANGELES/ESL	LOS ANGELES	325	405	024.6	Y	Y
	CAL ST SAN BERNARDINO/ESL	SAN BERNARDINO	129	105	018.6-	Y	Y
	CAL ST U FULLERTON	FULLERTON	135	179	032.6	Y	A
	CAL ST U NORTHRIDGE/ESL	NORTHRIDGE	209	296	041.6	Y	A
	CHAPMAN COLL/ELI	ORANGE				N	
	CHRIST COLL IRVINE	IRVINE	12	29	141.7	Y	Y
	COASTLINE CMTY COLL/ESL	WESTMINSTER	1200		100.0-	N	
	DIVERSIFIED LANGUAGE INST	LOS ANGELES	65	41	036.9-	Y	A
	ELS LANG CTR/OAKLAND	OAKLAND	92	103	012.0	Y	A
	ELS LANG CTR/SAN DIEGO	SAN DIEGO	140	145	003.6	Y	A
	ELS LANG CTR/SAN FRAN	SAN FRANCISCO	110	101	008.2-	Y	A
	ELS LANG CTR/SANTA MONICA	SANTA MONICA	210	196	006.7-	Y	A
	ENG CTR FOR INTL WOMEN	OAKLAND	73	42	042.5-	Y	A
	ENGLISH LANGUAGE CENTER	LOS ANGELES	90	63	030.0-	Y	A
	FRESNO PACIFIC COLL	FRESNO	4	13	225.0	Y	E
	GOLDEN GATE UNIV/ESL	SAN FRANCISCO	45	68	051.1	Y	A
	HUMBOLDT STATE UNIV/ILI	ARCATA		39		Y	A
	INTL ENGLISH INST	FRESNO	152	160	005.3	Y	A
	ISE-CA	BELMONT	49	40	018.4-	Y	A
	LANGUAGE CTR OF PACIFIC	LAGUNA HILLS				N	
	LANGUAGE INST FOR ENGLISH	SAN RAFAEL	115	75	034.8-	Y	A
	LANGUAGE INST FOR ENGLISH	SAN DIEGO		10		Y	A
	LINCOLN UNIV/ESL	SAN FRANCISCO	32	53	065.6	Y	A
	MARIN/ESL, COLL OF	KENTFIELD	34	47	038.2	Y	A
	MARYMOUNT PALOS VERDES C	PALOS VERDES	91	83	008.8-	Y	Y
	MONTEREY INST INTL STDIES	MONTEREY	31	24	022.6-	Y	Y
	NEW COLL CALIFORNIA/ESLI	MILLBRAE	86	73	015.1-	Y	Y
	PACIFIC ENGLISH LANG INST	SAN LUIS OBISPO	71	20	071.8-	Y	A
	PITZER COLL/PACE	CLAREMONT	36	46	027.8	Y	A
	SAN DIEGO STATE UNIV	SAN DIEGO	421	416	001.2-	Y	A
	SAN FRANCISCO STATE U/ESL	SAN FRANCISCO	159	148	006.9-	Y	A
	SAN FRANCISCO/ESL, U OF	SAN FRANCISCO	56	99	076.8	Y	A
	SAN JOSE STATE UNIV	SAN JOSE	116	118	001.7	Y	Y
	SANTA BARBARA CITY COLL	SANTA BARBARA	59	59	000.0	Y	Y
	SOUTHERN CALIFORNIA, U OF	LOS ANGELES	571	570	000.2-	Y	Y
	ST MARY'S COLL/IEP	MORAGA	24	34	041.7	Y	Y
	U CAL-RIVERSIDE/IEP	RIVERSIDE	302	380	025.8	Y	A
	UC SANTA BARBARA EXTEN	SANTA BARBARA	220	197	010.5-	Y	A
	UCLA EXTENSN/AM LANG CTR	LOS ANGELES	260	275	005.8	Y	Y
	UNITED STATES INTL U/ESL	SAN DIEGO	166	179	007.8	Y	Y
	WHITTIER COLL/ELP	WHITTIER		51		Y	A
	STATE TOTAL		7955	6873			
CO	AMERICAN LANGUAGE ACAD	PUEBLO	49	43	012.2-	Y	A
	BRIDGE INTL SCH	DENVER				N	
	COLORADO SCH OF MINES/ESL	GOLDEN				N	
	COLORADO STATE UNIV/ESL	FORT COLLINS	80	70	012.5-	Y	A

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	COLORADO/INT ENGL, U OF	BOULDER	135	141	004.4	Y	A
	DENVER/ENG LANG CTR, U OF	DENVER	75	75	000.0	Y	Y
	ECONOMICS INST	BOULDER	75	123	064.0	Y	A
	ELS LANG CTR/DENVER	DENVER	66	86	030.3	Y	A
	MESA STATE COLL	GRAND JUNCTION	66	51	022.7-	Y	Y
	SPRING INTL LANGUAGE CTR	DENVER	50	64	028.0	Y	A
	SPRING INTL LANGUAGE CTR	LITTLETON	80	101	026.3	Y	A
	STATE TOTAL		676	754			
CT	ELS LANG CTR/NEW HAVEN	NEW HAVEN	70	50	028.6-	Y	A
	HARTFORD/ELI, UNIV OF	WEST HARTFORD	61	52	014.8-	Y	Y
	MITCHELL COLL	NEW LONDON	11		100.0-	N	
	QUINEBAUG VLY CMTY COLL	WILLIMANTIC				N	
	STATE TOTAL		142	102			
DE	DELAWARE/ESL, UNIV OF	NEWARK	198	150	024.2-	Y	Y
	STATE TOTAL		198	150			
DC	AMERICAN UNIV/ELI	WASHINGTON	118	124	005.1	Y	Y
	CATHOLIC UNIV OF AMERICA	WASHINGTON	37	42	013.5	Y	Y
	ELS LANG CTR/DC	WASHINGTON	61	79	029.5	Y	A
	GEORGE WASHINGTON U/EFL	WASHINGTON	123	149	021.1	Y	Y
	GEORGETOWN U/AM LANG INST	WASHINGTON	47	42	010.6-	Y	A
	GEORGETOWN U/ENG FOR LANG	WASHINGTON	145	116	020.0-	Y	A
	INTL CTR FOR LANG STUDIES	WASHINGTON	30	39	030.0	Y	A
	INTL LANGUAGE INST	WASHINGTON	68	71	004.4	Y	E
	SANZ SCH	WASHINGTON	110	146	032.7	Y	E
	STATE TOTAL		739	808			
FL	AMERICAN LANG ACAD/TAMPA	TAMPA	67	48	028.4-	Y	A
	BARRY UNIV/ESL	MIAMI				N	
	CENTRAL FLORIDA, U OF	ORLANDO	79	87	010.1	Y	A
	ELS LANG CTR/ST PETERSBRG	ST PETERSBURG	172	194	012.8	Y	A
	FLORIDA INST TECHNOL/ESL	MELBOURNE	80	54	032.5-	Y	Y
	FLORIDA INTL UNIV/IEP	MIAMI	138	139	000.7	Y	A
	FLORIDA STATE UNIV/CIES	TALLAHASSEE	45	51	013.3	Y	A
	FLORIDA/ELI, UNIV OF	GAINESVILLE	86	81	005.8-	Y	A
	INTL TRAINING, SCH FOR	JACKSONVILLE	54	55	001.9	Y	A

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	LANGUAGE INST FOR ENGLISH	MIAMI SHORES	86	85	001.2-	Y	A
	LINDSEY HOPKINS ED CTR	MIAMI SPRINGS				N	
	MIAMI-DADE CMTY COLL/ESL	MIAMI	1447	1365	005.7-	Y	Y
	MIAMI/INT ENG PROG, U OF	CORAL GABLES	177	169	004.5-	Y	A
	NOVA UNIV/ILP	FORT LAUDERDALE	84	112	033.3	Y	Y
	SOUTH FLORIDA, UNIV OF	TAMPA	116	91	021.6-	Y	A
	STATE TOTAL		2631	2531			
GA	ELS LANG CTR/ATLANTA	ATLANTA	50	65	030.0	Y	A
	GEORGIA INST TECHNOL/EFL	ATLANTA	201	191	005.0-	Y	A
	GEORGIA SOUTHERN COLL/ESL	STATESBORO	25		100.0-	N	
	GEORGIA STATE UNIV/ESL	ATLANTA				N	
	GEORGIA/ALP, UNIV OF	ATHENS	87	99	013.8	Y	Y
	MERCER UNIV ATLANTA	ATLANTA	53	78	047.2	Y	Y
	MORRIS BROWN COLL/ESL	ATLANTA	153	153	000.0	Y	E
	STATE TOTAL		569	586			
HI	BRIGHAM YOUNG UNIV-HAWAII	LAIE	304	382	025.7	Y	Y
	HAWAII LOA COLL/ESL	KANEOHE	13	47	261.5	Y	Y
	HAWAII PACIFIC UNIV	HONOLULU	487	724	048.7	Y	A
	HAWAII, UNIV OF	HONOLULU	152	139	008.6-	Y	A
	INST OF INTENSIVE ENGLISH	HONOLULU		20		Y	A
	KAUAI CMTY COLL/ELI	LIHUE	8	3	062.5-	Y	A
	LEEWARD CMTY COLL/ELI	PEARL CITY	10	3	070.0-	Y	A
	STATE TOTAL		974	1318			
ID	LEWIS-CLARK UNIV/ESL	LEWISTON	58	47	019.0-	Y	A
	STATE TOTAL		58	47			
IL	AMERICAN LANGUAGE ACAD	LAKE FOREST	23	28	021.7	Y	A
	ELS LANG CTR/CHICAGO	CHICAGO	110	165	050.0	Y	A
	HAROLD WASHINGTON COLL	CHICAGO	768	872	013.5	Y	Y
	ILL AT CHICAGO, UNIV OF	CHICAGO	146	143	002.1-	Y	Y
	ILL STATE UNIV	NORMAL	14	35	150.0	Y	Y
	ILL URBANA-CHAMPAIGN,U OF	URBANA	88	109	023.9	Y	A
	MACCORMAC JR COLL	CHICAGO	1	14	300.0	Y	Y
	MALLINCKRODT COLL/ESL	WILMETTE	6	3	050.0-	Y	Y
	ROCKFORD COLL/ELSC	ROCKFORD	41	50	022.0	Y	A

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	ROOSEVELT UNIV/ELP	CHICAGO	130	153	017.7	Y	A
	SOUTHERN ILLINOIS U/ESL	CARBONDALE	161	169	005.0	Y	Y
	TRUMAN COLL/ESL	CHICAGO	66	83	025.8	Y	A
	WESTERN ILLINOIS UNIV/ESL	MACOMB	113	119	005.3	Y	Y
	STATE TOTAL		1667	1943			
IN	BALL STATE UNIV/ESL	MUNCIE				N	
	ELS LANG CTR/INDIANAPOLIS	INDIANAPOLIS	53	62	017.0	Y	A
	EVANSVILLE/ESL, UNIV OF	EVANSVILLE	33	46	039.4	Y	Y
	INDIANA INST TECHNOL/ESL	FORT WAYNE		12		Y	A
	INDIANA UNIV/ENG LANG PGM	BLOOMINGTON	124	151	021.8	Y	A
	INTERLINK LANGUAGE CTR	TERRE HAUTE				N	
	TRI-STATE U/ENG LANG CTR	ANGOLA	18	4	077.8-	Y	Y
	VINCENNES UNIV/ESL	VINCENNES	52		100.0-	N	
	STATE TOTAL		280	275			
IA	CENTRAL COLL/ESL	PELLA	33		100.0-	Y	A
	CLARKE COLL/ESL	DUBUQUE	16	26	062.5	Y	A
	COE COLL/ESL	CEDAR RAPIDS	16	11	031.3-	Y	Y
	CORNELL COLL/ESL	MOUNT VERNON	6	5	016.7-	Y	A
	DIVINE WORD COLL/IELI	EPWORTH	6	7	016.7	Y	A
	DRAKE UNIV	DES MOINES	29	31	006.9	Y	Y
	DUBUQUE/ESL, UNIV OF	DUBUQUE	35	60	071.4	Y	Y
	IOWA STATE UNIV/ESL	AMES	102	106	003.9	Y	Y
	IOWA, UNIV OF	IOWA CITY	47	53	012.8	Y	Y
	KIRKWOOD CMTY COLL/ESL	CEDAR RAPIDS	26	17	034.6-	Y	Y
	NORTHERN IOWA, UNIV OF	CEDAR FALLS	81	73	009.9-	Y	A
	WARTBURG COLL	WAVERLY	5	9	080.0	Y	Y
	WILLIAM PENN COLL	OSKALOOSA	4	4	000.0	Y	Y
	STATE TOTAL		406	402			
KS	DONNELLY COLL/INT ENG CTR	KANSAS CITY	95	120	026.3	Y	Y
	EMPORIA STATE UNIV/IEP	EMPORIA	55	38	030.9-	Y	Y
	KANSAS STATE UNIV/ESL	MANHATTAN	56	85	051.8	Y	Y
	KANSAS/ESL, UNIV OF	LAWRENCE	95	171	080.0	Y	Y
	OTTAWA UNIV/ELI	OTTAWA	63	23	063.5-	Y	Y
	PITTSBURG STATE UNIV/ESL	PITTSBURG	374	91	075.7-	Y	Y
	WICHITA STATE UNIV/ESL	WICHITA	234	287	022.6	Y	Y
	STATE TOTAL		972	815			

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
KY	KENTUCKY, UNIV OF	LEXINGTON	50	59	018.0	Y	A
	LOUISVILLE/ESL, UNIV OF	LOUISVILLE	45	81	080.0	Y	Y
	STATE TOTAL		95	140			
LA	DELGADO COLL/ESL	NEW ORLEANS	288	348	020.8	Y	A
	LOUISIANA STATE UNIV/ESL	BATON ROUGE	138	123	010.9-	Y	Y
	LOUISIANA TECH UNIV/ESL	RUSTON	40	36	010.0-	Y	Y
	LOYOLA UNIV/ESL	NEW ORLEANS	39	41	005.1	Y	Y
	NEW ORLEANS/ESL, UNIV OF	NEW ORLEANS				N	
	TULANE UNIV/TESL INST	NEW ORLEANS	80	66	017.5-	Y	A
	STATE TOTAL		585	614			
ME	ICLS-HUSSON COLL	BANGOR	45	25	044.4-	Y	Y
	MAINE, UNIV OF	ORONO	70	55	021.4-	Y	Y
	STATE TOTAL		115	80			
MD	MARYLAND/ESL, UNIV OF	COLLEGE PARK	55	74	034.5	Y	A
	MONTGOMERY COLL	ROCKVILLE	27		100.0-	N	
	NOTRE DAME/ESL, COLL OF	BALTIMORE	39	72	084.6	Y	A
	TOWSON STATE UNIV	TOWSON	46	64	039.1	Y	Y
	STATE TOTAL		167	210			
MA	AM LANG ACAD/BABSON PARK	BABSON PARK	132	98	025.8-	Y	A
	BOSTON SCH MODERN LANG	BOSTON				N	
	BOSTON UNIV/ESL	BOSTON	552	579	004.9	Y	Y
	BRADFORD COLL/ESL	BRADFORD	36	28	022.2-	Y	Y
	CLARK UNIV	WORCESTER				N	
	ELS LANG CTR/BOSTON	BOSTON	195	210	007.7	Y	A
	ENGLISH LANGUAGE CENTER	BOSTON		30		Y	A
	INTL LANGUAGE INST INC	NORTHAMPTON	6	9	050.0	Y	A
	LANGUAGE INST FOR ENGLISH	BOSTON	31	89	187.1	Y	A
	MOUNT IDA COLL/ESL	NEWTON CENTRE				N	
	NEWMAN PREPARATORY SCH	BOSTON	40	21	047.5-	Y	A
	NORTH SHORE CMTY COLL/ESL	BEVERLY	5		100.0-	N	
	NORTHEASTERN UNIV/ESL	BOSTON	210	204	002.9-	Y	Y
	NORTHERN ESSEX CMTY COLL	HAVERHILL	3	2	033.3-	Y	A
	PINE MANOR COLL	CHESTNUT HILL	21	31	047.6	Y	Y

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	STATE TOTAL		1231	1301			
MI	ACCESS INTL BUS&LANG INST	ANN ARBOR				N	
	ANDREWS UNIV/ELI	BERRIEN SPRINGS	50	37	026.0-	Y	Y
	DETROIT, UNIV OF	DETROIT	26	35	034.6	Y	Y
	EASTERN MICHIGAN UNIV/ESL	YPSILANTI	120	76	036.7-	Y	Y
	FERRIS STATE UNIV/ESL	BIG RAPIDS	45		100.0-	N	
	MICHIGAN LANGUAGE CENTER	ANN ARBOR	113	102	009.7-	Y	A
	MICHIGAN STATE UNIV/ESL	EAST LANSING	215	246	014.4	Y	Y
	WAYNE STATE UNIV	DETROIT	75	66	012.0-	Y	Y
	WESTERN MICHIGAN UNIV/ESL	KALAMAZOO	124	128	003.2	Y	A
	STATE TOTAL		768	690			
MN	ELS LANG CTR/ST PAUL	SAINT PAUL	125	110	012.0-	Y	A
	MINNESOTA TWIN CITIES, U	MINNEAPOLIS	150	156	004.0	Y	Y
	STATE TOTAL		275	266			
MS	MISSISSIPI/ESL, UNIV OF	UNIVERSITY	35	38	008.6	Y	Y
	STHN MISSISSIPPI/ESL, U	HATTIESBURG	102	148	045.1	Y	A
	WOOD JR COLL/ESL	MATHISTON	5	9	080.0	Y	Y
	STATE TOTAL		142	195			
MO	MARYVILLE COLL	SAINT LOUIS	31	45	045.2	Y	Y
	MISSOURI COLUMBIA/IEP, U	COLUMBIA	64	82	028.1	Y	Y
	ST LOUIS UNIV	SAINT LOUIS	58	67	015.5	Y	Y
	STHEST MISSOURI STATE U	CAPE GIRARDEAU	79	59	025.3-	Y	A
	WASHINGTON UNIV/ESL	SAINT LOUIS				Y	A
	WEBSTER UNIV/ESL	SAINT LOUIS	34	21	038.2-	Y	Y
	STATE TOTAL		266	274			
NE	BELLEVUE COLL	BELLEVUE	15	23	053.3	Y	Y
	CREIGHTON UNIV/ESL	OMAHA	20	26	030.0	Y	Y
	DOANE COLL/ESL	CRETE	44	44	000.0	Y	Y
	NEBRASKA LINCOLN, UNIV OF	LINCOLN	26	35	034.6	Y	Y
	NEBRASKA OMAHA/ILP, U	OMAHA	70	88	025.7	Y	A

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	STATE TOTAL		175	216			
NV	NEVADA-RENO, UNIV OF	RENO	119	75	037.0-	Y	A
	STHN NEVADA, CMTY COLL OF	N LAS VEGAS	7	7	000.0	Y	Y
	STATE TOTAL		126	82			
NH	NEW HAMPSHIRE COLL/ESL	MANCHESTER	53	72	035.8	Y	Y
	NEW HAMPSHIRE/ELP, U OF	DURHAM	61		100.0-	Y	A
	STATE TOTAL		114	72			
NJ	CALDWELL COLL/AELSP	CALDWELL	43	65	051.2	Y	A
	EF INTL LANGUAGE SCH	W LONG BRANCH	67		100.0-	N	
	GLASSBORO ST COLL CAMDEN	CAMDEN				N	
	LANGUAGE INST FOR ENGLISH	RUTHERFORD	204	302	048.0	Y	A
	RUTGERS UNIV-NEWARK	NEWARK	60	61	001.7	Y	Y
	RUTGERS UNIV/ELP	NEW BRUNSWICK	107	152	042.1	Y	Y
	STATE TOTAL		481	580			
NM	NEW MEXICO STATE UNIV/ESL	LAS CRUCES	12	8	033.3-	Y	Y
	NEW MEXICO/ESL, UNIV OF	ALBUQUERQUE	38	31	018.4-	Y	Y
	STATE TOTAL		50	39			
NY	ASPECT ILS/NEW YORK	BROOKVILLE		63		Y	Y
	COLUMBIA UNIV/A L P	NEW YORK	352	298	015.3-	Y	Y
	CONCORDIA COLL/ESL	BRONXVILLE	50	46	008.0-	Y	Y
	CORNELL UNIV/ESL	ITHACA	76	80	005.3	Y	A
	CTR FOR ENGLISH STUDIES	NEW YORK	286	327	014.3	Y	A
	CUNY COLL STATEN IS/ELI	STATEN ISLAND	45	44	002.2-	Y	Y
	CUNY HUNTER COLL/IELI	NEW YORK	849	918	008.1	Y	A
	CUNY LAGUARDIA CC/IEP	LONG IS CITY	220	340	054.5	Y	A
	CUNY QUEENS COLL/ELI	FLUSHING	356	473	032.9	Y	E
	ELMIRA COLL/ESL	ELMIRA	16	30	087.5	Y	Y
	ELS LANG CTR/RIVERDALE	RIVERDALE		42		Y	A
	ELS LANG CTR/STATEN IS	STATEN ISLAND	79	79	000.0	Y	A
	FORDHAM UNIV-LINCOLN CTR	NEW YORK	14	108	671.4	Y	A

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	FULTON-MONTGOMERY CC/ESL	JOHNSTOWN	17	20	017.6	Y	Y
	HAGGERTY INSTITUTE	NEW PALTZ	51	71	039.2	Y	Y
	HOFSTRA UNIV/ESL	HEMPSTEAD	92	5	094.6-	Y	Y
	LANGUAGE INST FOR ENGLISH	BROOKVILLE	123		100.0-	N	
	LANGUAGE INST FOR ENGLISH	GARDEN CITY		143		Y	A
	LONG IS U-BKLYN CTR/ELI	BROOKLYN	80		100.0-	N	
	MANHATTANVILLE COLL/ESL	PURCHASE	98	63	035.7-	Y	A
	MONROE CMTY COLL/ESL	ROCHESTER	8	11	037.5	Y	A
	NEW SCH FOR SOC RESEARCH	NEW YORK	120	141	017.5	Y	A
	NEW YORK INST TECHNOL/ESL	NEW YORK	35		100.0-	N	
	NEW YORK U/AM LANG INST	NEW YORK	221	327	048.0	Y	A
	PACE UNIV/ESL	NEW YORK	1	5	400.0	Y	A
	RENNERT BILINGUAL	NEW YORK	70	60	014.3-	Y	E
	ROCHESTER INST TECH/ESOL	ROCHESTER	26	27	003.8	Y	Y
	ROCHESTER/ESL, UNIV OF	ROCHESTER				N	
	SUNY AT ALBANY/IELP	ALBANY	65	55	015.4-	Y	Y
	SUNY AT BUFFALO/IELI	BUFFALO	111	135	021.6	Y	Y
	SUNY AT STONY BROOK/ESL	STONY BROOK	54	57	005.6	Y	Y
	SUNY COLL FARMINGDALE/ESL	FARMINGDALE				N	
	SYRACUSE UNIV/ELI	SYRACUSE	47	40	014.9-	Y	A
	STATE TOTAL		3562	4008			
NC	CENTRAL PIEDMNT CMTY COLL	CHARLOTTE		261		Y	Y
	INTERLINK LANGUAGE CTRS	GREENSBORO	75	62	017.3-	Y	A
	NC CHARLOTTE/ESL, UNIV OF	CHARLOTTE	92	103	012.0	Y	A
	NC STATE UNIV/ESL	RALEIGH	8	12	050.0	Y	A
	STATE TOTAL		175	438			
OH	AKRON/ELI, UNIV OF	AKRON	73	80	009.6	Y	Y
	AMERICAN LANG ACAD/BEREA	BEREA	74		100.0-	N	
	ASHLAND COLL/ESL	ASHLAND	36	34	005.6-	Y	Y
	CUYAHOGA CMTY C METRO/ESL	CLEVELAND	14	41	192.9	Y	A
	ELMI	DAYTON	37	40	008.1	Y	E
	ELS LANG CTR/CLEVELAND	CLEVELAND	55	75	036.4	Y	A
	FINDLAY, THE UNIV OF	FINDLAY	84	51	039.3-	Y	Y
	HEIDELBERG COLL	TIFFIN	11	35	218.2	Y	Y
	MT ST JOSEPH/ESL, COLL OF	MOUNT ST JOSEPH	32	32	000.0	Y	Y
	OHIO DOMINICAN COLL/ESL	COLUMBUS	29	39	034.5	Y	Y
	OHIO STATE UNIV/ESL	COLUMBUS	60	76	026.7	Y	Y
	OHIO UNIV/ESL	ATHENS	197	163	017.3-	Y	Y
	OTTERBEIN COLL/ESL	WESTERVILLE	4		100.0-	Y	C
	TOLEDO/ALI, UNIV OF	TOLEDO	167	180	007.8	Y	Y
	XAVIER UNIV/ESL	CINCINNATI	29	35	020.7	Y	Y

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	STATE TOTAL		902	881			
OK	ELS LANG CTR/NORMAN	NORMAN	88	85	003.4-	Y	E
	ELS LANG CTR/OKLA CITY	OKLAHOMA CITY	161	184	014.3	Y	A
	ENGLISH LANGUAGE CENTER	EDMOND	19	25	031.6	Y	E
	OKLAHOMA STATE UNIV/ELI	STILLWATER	69	223	223.2	Y	Y
	PHILLIPS UNIV/ELP	ENID	10		100.0-	Y	A
	SPARTAN SCH AERONAUTICS	TULSA	6	1	083.3-	Y	A
	STHESTN OKLAHOMA ST U/ESL	DURANT	11		100.0-	N	
	TULSA/ENGL INST, UNIV OF	TULSA	104	86	017.3-	Y	A
	STATE TOTAL		468	604			
OR	AMERICN LANG ACAD/ASHLAND	ASHLAND				N	
	CONCORDIA COLL	PORTLAND	38	32	015.8-	Y	Y
	ENGLISH LANG STUDY CENTER	MONMOUTH	71	70	001.4-	Y	A
	LEWIS & CLARK COLL/ESL	PORTLAND	103	99	003.9-	Y	A
	LINFIELD COLL/ESL	MCMINNVILLE	30	24	020.0-	Y	Y
	OREGON STATE UNIV/ELI	CORVALLIS	180	163	009.4-	Y	Y
	OREGON/ESL, UNIV OF	EUGENE	172	177	002.9	Y	A
	PACIFIC UNIV/ESL	FOREST GROVE	42	41	002.4-	Y	Y
	PORTLAND STATE UNIV/ESL	PORTLAND	91	110	020.9	Y	Y
	WARNER PACIFIC COLL/ESL	PORTLAND				N	
	STATE TOTAL		727	716			
PA	AM LANG ACAD/GLENSIDE	GLENSIDE	84		100.0-	N	
	DREXEL UNIV/ESL	PHILADELPHIA	31	57	083.9	Y	Y
	DUQUESNE UNIV	PITTSBURGH	11	22	100.0	Y	A
	ELS LANG CTR/PHILADELPHIA	PHILADELPHIA	121	110	009.1-	Y	A
	GWYNEDD-MERCY COLL/ESL	GWYNEDD VALLEY	14	25	078.6	Y	Y
	IMMACULATA COLL/ESL	IMMACULATA	28	20	028.6-	Y	Y
	INDIANA UNIV OF PA/ALI	INDIANA	27	38	040.7	Y	Y
	KEYSTONE JR COLL	LA PLUME	10		100.0-	N	
	LEHIGH COUNTY CMTY COLL	SCHNECKSVILLE				N	
	NORTHAMPTON CO AREA CC	BETHLEHEM				N	
	PENNSYLVANIA STATE UNIV	UNIVERSITY PARK	51	55	007.8	Y	Y
	PENNSYLVANIA, UNIV OF	PHILADELPHIA	145	125	013.8-	Y	Y
	PITTSBURGH/ELI, UNIV OF	PITTSBURGH	76	62	018.4-	Y	A
	POINT PARK COLL/ESL	PITTSBURGH	58	81	039.7	Y	Y
	TEMPLE UNIV/IELP	PHILADELPHIA	135	110	018.5-	Y	Y
	STATE TOTAL		791	705			

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
RI	JOHNSON & WALES UNIV/ESL	PROVIDENCE	92	47	048.9-	Y	Y
	ROGER WILLIAMS COLL	BRISTOL	17		100.0-	N	
	STATE TOTAL		109	47			
SC	SOUTH CAROLINA, UNIV OF	COLUMBIA	116	128	010.3	Y	A
	STATE TOTAL		116	128			
SD	MIDWEST INST INTL STUDIES	SIOUX FALLS	47	34	027.7-	Y	Y
	STATE TOTAL		47	34			
TN	INTL ENGLISH INST	NASHVILLE	72	61	015.3-	Y	A
	KING COLL/ESL	BRISTOL	15	22	046.7	Y	Y
	MARYVILLE COLL/ESL	MARYVILLE	20	52	160.0	Y	Y
	MEMPHIS STATE UNIV/ESL	MEMPHIS	35	55	057.1	Y	A
	TENNESSEE KNOXVL/ESL, U	KNOXVILLE	54	41	024.1-	Y	A
	TENNESSEE MARTIN/ESL, U	MARTIN	121	112	007.4-	Y	Y
	VANDERBILT UNIV/ESL	NASHVILLE	46	33	028.3-	Y	E
	STATE TOTAL		363	376			
TX	AM LANG ACAD/DENTON	DENTON	12	12	000.0	Y	A
	AMARILLO COLL/ESL	AMARILLO	5	4	020.0-	Y	A
	EL PASO CMTY COLL/IEP	EL PASO	450	345	023.3-	Y	E
	ELS LANG CTR/HOUSTON	HOUSTON	77	73	005.2-	Y	A
	ENGLISH LANGUAGE, CTR OF	DALLAS	57	70	022.8	Y	A
	HOUSTON DOWNTOWN/ESL, U	HOUSTON	53	61	015.1	Y	Y
	HOUSTON, UNIV OF	HOUSTON	136	149	009.6	Y	Y
	INTL CTR LANGUAGE STUDIES	HOUSTON	21	24	014.3	Y	A
	MARY HARDIN-BAYLOR/ESL, U	BELTON	84	68	019.0-	Y	E
	NORTH TEXAS, UNIV OF	DENTON	125	142	013.6	Y	Y
	OUR LADY OF THE LAKE UNIV	SAN ANTONIO	35	25	028.6-	Y	A
	PAN AMERICAN UNIV/ELI	EDINBURG	96	95	001.0-	Y	A
	RICE UNIV/ESL	HOUSTON	65	72	010.8	Y	A
	SAM HOUSTON STATE U/ESL	HUNTSVILLE	8	11	037.5	Y	A
	TEXAS A & I UNIV/ESL	KINGSVILLE	14	30	114.3	Y	Y
	TEXAS A & M UNIV/ELI	COLLEGE STATION	44	37	015.9-	Y	Y
	TEXAS ARLINGTON/ESL, U OF	ARLINGTON	50	86	072.0	Y	A
	TEXAS AUSTIN, UNIV OF	AUSTIN	195	249	027.7	Y	A
	TEXAS EL PASO/ELI U OF	EL PASO	47	37	021.3-	Y	A

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	TEXAS TECH UNIV/ESOL	LUBBOCK	73	57	021.9-	Y	A
	TEXAS WESLEYAN COLL	FORT WORTH	54	86	059.3	Y	E
	TRINITY VALLEY CMTY COLL	ATHENS	9	30	233.3	Y	Y
	STATE TOTAL		1710	1763			
UT	BRIGHAM YOUNG UNIV/ESL	PROVO	150	181	020.7	Y	Y
	SALT LAKE CMTY COLL	SALT LAKE CITY		100		Y	Y
	SNOW COLL/ESL	EPHRAIM	78	116	048.7	Y	Y
	UTAH STATE UNIV/IELI	LOGAN	136	135	000.7-	Y	Y
	UTAH, UNIV OF	SALT LAKE CITY				N	
	WEBER STATE COLL/ESL	OGDEN	62		100.0-	N	
	WESTMINSTER COLL/ELSC	SALT LAKE CITY	65	62	004.6-	Y	A
	WSTN AMERICAN LANG INST	SALT LAKE CITY	15	10	033.3-	Y	A
	STATE TOTAL		506	604			
VT	INTL TRAINING, SCH FOR	BRATTLEBORO	64	49	023.4-	Y	Y
	ST MICHAEL'S COLL	COLCHESTER	86	109	026.7	Y	A
	STATE TOTAL		150	158			
VA	GEORGE MASON UNIV/ELI	FAIRFAX	94	88	006.4-	Y	Y
	MARYMOUNT UNIV VIRGINIA	ARLINGTON	50	50	000.0	Y	A
	OLD DOMINION UNIV/ESL	NORFOLK	78	61	021.8-	Y	A
	RADFORD UNIV	RADFORD	9	31	244.4	Y	A
	STATE TOTAL		231	230			
WA	BELLEVUE CMTY COLL/ESL	BELLEVUE	136	136	000.0	Y	A
	CENTRAL WASHINGTON UNIV	ELLENSBURG	63	39	038.1-	Y	Y
	CITY UNIV	BELLEVUE	16	12	025.0-	Y	Y
	EASTERN WASHINGTON U/ESL	CHENEY	110	100	009.1-	Y	Y
	EDMONDS CMTY COLL	LYNNWOOD	273		100.0-	N	
	EF INTL LANGUAGE SCH	OLYMPIA	34	47	038.2	Y	A
	ELS LANG CTR/SEATTLE	SEATTLE	130	179	037.7	Y	A
	GONZAGA UNIV/ESL	SPOKANE	57	56	001.8-	Y	Y
	PACIFIC LUTHERAN UNIV	TACOMA	77	58	024.7-	Y	A
	SEATTLE PACIFIC UNIV/IELI	SEATTLE	91	104	014.3	Y	A
	SKAGIT VALLEY COLL/ESL	MOUNT VERNON	21		100.0-	Y	A
	ST MARTIN'S COLL/ESL	OLYMPIA	38	17	055.3-	Y	Y
	WASHINGTON ACAD LANGUAGES	SEATTLE	55	60	009.1	Y	E

ST	PROGRAM	CITY	F.S. 89/90	F.S. 90/91	% CHANGE	RESP 90/91	*
	WASHINGTON EXTEN, UNIV OF	SEATTLE	290	342	017.9	Y	A
	WASHINGTON STATE UNIV/ESL	PULLMAN	101	101	000.0	Y	A
	WESTERN WASHINGTON UNIV	BELLINGHAM	29	40	037.9	Y	A
	WHITWORTH COLL	SPOKANE	12	12	000.0	Y	Y
	STATE TOTAL		1533	1303			
WV	INTL LANGUAGE INST	ELKINS	32	40	025.0	Y	E
	WEST VIRGINIA UNIV/ESL	MORGANTOWN	33	47	042.4	Y	Y
	WHEELING JESUIT COLL/ESL	WHEELING	50	25	050.0-	Y	A
	STATE TOTAL		115	112			
WI	MILWAUKEE AREA TECH COLL	MILWAUKEE	175		100.0-	N	
	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	44	40	009.1-	Y	Y
	WISCONSIN ESL INST WESLI	MADISON	138	197	042.8	Y	A
	WISCONSIN MADISON, U OF	MADISON	33	43	030.3	Y	Y
	WISCONSIN MILWAUKEE, U OF	MILWAUKEE	90	75	016.7-	Y	E
	WISCONSIN STEVNS POINT, U	STEVENS POINT	82	77	006.1-	Y	Y
	WISCONSIN STOUT, U OF	MENOMONIE	32	14	056.3-	Y	Y
	STATE TOTAL		594	446			
			35036	34703			

NUMBER OF RECORDS SELECTED FOR THE REPORT = 392

OPEN DOORS DATA

IEDC International Education Data Collection Committee

AACRAO • IIE • NAFSA

October 5, 1990

Dear Colleague:

We are writing to thank you for responding to IEDC's Survey of Intensive English Language Programs 1989/90, and to request your continued cooperation for this academic year.

Each Fall, the results of the IELP survey are reported in *Open Doors*, a publication which is widely used by government, business, institutions of higher education, and educational exchange organizations to obtain data on the international flow of students. The 1989/90 edition of *Open Doors* will report an over 89% response rate to the IELP survey, and provide data on 35,036 foreign students enrolled in these programs. This year, we would like the response rate to be 100% so that we can provide the complete picture of the IELP foreign student population.

AACRAO, IIE, and NAFSA are grateful for the time and effort you spend in completing the enclosed survey. We would appreciate it if you would return it as soon as possible, and no later than NOVEMBER 9, 1990. Completed forms and any questions regarding the survey should be addressed to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, New York 10017
Tel: (212) 984-5349

Sincerely,

Gerald Bowker
President,
American Association
of College Registrars
and Admissions Officers

Richard M. Krasno
President,
Institute of
International
Education

Martin Limbird
President,
NAFSA: Association
of International
Educators

IEDC

International Education Data Collection Committee

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SURVEY OF INTENSIVE ENGLISH LANGUAGE PROGRAMS: FALL TERM 1990/91

The attached label should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number. Please make any necessary changes.

Title/Office

Reporting Official

Institution

City State Zip

(Telephone)

PLEASE REPORT ON THE NON-IMMIGRANT FOREIGN STUDENTS ENROLLED IN YOUR INTENSIVE ENGLISH LANGUAGE PROGRAM FOR AT LEAST 15 CONTACT HOURS PER WEEK IN PROGRAMS IN SESSION AS OF OCTOBER 15, 1990. DO NOT REPORT STUDENTS FROM GUAM, AMERICAN SAMOA, PUERTO RICO, OR THE US VIRGIN ISLANDS.

1. How many foreign students (non-immigrants) were enrolled in your intensive English language program as of October 15, 1990? ☐☐☐☐ ☐ Check if estimated

2. The number of males/females is: ☐☐☐☐ Males ☐☐☐☐ Females

3. The number of students holding: ☐☐☐☐ F Visa ☐☐☐☐ J Visa ☐☐☐☐ M Visa ☐☐☐☐ Other Visa ☐☐☐☐ Refugee

4. If you are affiliated with a college or university, will this number be reported by that institution in the Annual Census of Foreign Students? ☐ Yes ☐ No (Check one)

5. If yes, how many Intensive English Language students will be included in the Annual Census by your affiliated college or university? ☐☐☐☐

6. Please list below the countries of citizenship of your intensive English language students:

COUNTRY	NO. OF STUDENTS	FOR IIE USE ONLY	COUNTRY	NO. OF STUDENTS	FOR IIE USE ONLY

PLEASE LIST ANY ADDITIONAL COUNTRIES ON THE REVERSE SIDE OF THIS PAGE

ANY QUESTIONS SHOULD BE DIRECTED TO: Research Division, IIE, (212) 984-5349

THIS FORM SHOULD BE RETURNED BY NOVEMBER 9, 1990 TO:

RESEARCH DIVISION
INSTITUTE OF INTERNATIONAL EDUCATION
809 United Nations Plaza
New York, NY 10017–3580

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APPENDIX C. U.S. STUDY ABROAD SURVEY 1989/90

C.1 STUDY ABROAD STUDENTS BY INSTITUTION

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
AL	ALABAMA, UNIV OF	TUSCALOOSA		115	96
AL	JACKSONVILLE STATE UNIV	JACKSONVILLE		0	16
AL	JUDSON COLL	MARION		0	3
AL	MONTEVALLO, UNIV OF	MONTEVALLO		25	25
AL	OAKWOOD COLL	HUNTSVILLE		1	0
AL	SAMFORD UNIV	BIRMINGHAM		192	140
AL	SOUTH ALABAMA, UNIV OF	MOBILE		40	0
AL	TROY STATE U MAIN CAMPUS	TROY		0	1
AL			TOTAL	373	281
AR	ARKANSAS COLL	BATESVILLE		4	3
AR	ARKANSAS LITTLE ROCK,U OF	LITTLE ROCK		38	33
AR	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE		28	68
AR	ARKANSAS STATE U MAIN CAM	STATE UNIVERSTY		5	0
AR	HARDING UNIV	SEARCY		97	77
AR	HENDRIX COLL	CONWAY		30	16
AR	JOHN BROWN UNIV	SILOAM SPRINGS		1	11
AR	OUACHITA BAPTIST UNIV	ARKADELPHIA		7	0
AR	WESTARK CMTY COLL	FORT SMITH		5	8
AR			TOTAL	215	216
AZ	AMERICN GRAD SCH INTL MGT	GLENDALE		156	151
AZ	ARIZONA STATE UNIV	TEMPE		168	350
AZ	ARIZONA, UNIV OF	TUCSON		514	738
AZ	GRAND CANYON UNIV	PHOENIX		23	50
AZ	NORTHERN ARIZONA UNIV	FLAGSTAFF		52	55
AZ	PRESCOTT COLL	PRESCOTT		78	4
AZ			TOTAL	991	1,348
CA	ANTELOPE VALLEY COLL	LANCASTER		2	22
CA	BIOLA UNIV	LA MIRADA		30	50
CA	CAL BAPTIST COLL	RIVERSIDE		0	20
CA	CAL BERKELEY, UNIV OF	BERKELEY		272	224
CA	CAL COLL ARTS & CRAFTS	OAKLAND		0	7
CA	CAL DAVIS, UNIV OF	DAVIS		123	0
CA	CAL INST OF ARTS	VALENCIA		3	2
CA	CAL IRVINE, UNIV OF	IRVINE		111	0
CA	CAL LOS ANGELES, UNIV OF	LOS ANGELES		183	158
CA	CAL POLY ST U SAN LUIS OB	SAN LUIS OBISPO		227	0
CA	CAL RIVERSIDE, UNIV OF	RIVERSIDE		52	39
CA	CAL SAN DIEGO, UNIV OF	LA JOLLA		263	124
CA	CAL SANTA BARBARA, U OF	SANTA BARBARA		1,268	1,049
CA	CAL SANTA CRUZ, UNIV OF	SANTA CRUZ		165	153
CA	CAL STATE POLY U POMONA	POMONA		34	0
CA	CAL STATE U BAKERSFIELD	BAKERSFIELD		0	2
CA	CAL STATE U CHICO	CHICO		40	0
CA	CAL STATE U DOMINGUEZ HLS	CARSON		20	0
CA	CAL STATE U FULLERTON	FULLERTON		77	26
CA	CAL STATE U LONG BEACH	LONG BEACH		146	306
CA	CAL STATE U LOS ANGELES	LOS ANGELES		0	5
CA	CAL STATE U NORTHRIDGE	NORTHRIDGE		170	62
CA	CAL STATE U SACRAMENTO	SACRAMENTO		101	245
CA	CAL STATE U SAN BERNRDINO	SAN BERNARDINO		1	0
CA	CAL STATE U STANISLAUS	TURLOCK		4	5
CA	CHABOT COLL	HAYWARD		83	49
CA	CHAFFEY COLL	RANCH CUCAMONGA		231	200
CA	CHAPMAN COLL	ORANGE		13	15
CA	CHRIST COLL IRVINE	IRVINE		0	1
CA	CITY COLL SAN FRANCISCO	SAN FRANCISCO		198	161
CA	CLAREMONT MCKENNA COLL	CLAREMONT		0	60
CA	COLUMBIA COLL	COLUMBIA		0	1
CA	COMPTON CMTY COLL	COMPTON		34	40
CA	COSUMNES RIVER COLL	SACRAMENTO		0	25
CA	DOMINICAN COLL SAN RAFAEL	SAN RAFAEL		7	1
CA	FASHION INST DSGN MERCH	LOS ANGELES		0	2
CA	FIELDING INST	SANTA BARBARA		0	24
CA	FOOTHILL COLL	LOS ALTOS HILLS		325	230
CA	FRESNO CITY COLL	FRESNO		49	24
CA	GLENDALE CMTY COLL	GLENDALE		133	0
CA	HARVEY MUDD COLL	CLAREMONT		5	2
CA	HEBREW UNION C CAL BRANCH	LOS ANGELES		13	32
CA	HUMBOLDT STATE UNIV	ARCATA		27	0
CA	JUDAISM, UNIV OF	LOS ANGELES		1	1

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
CA	LA VERNE, UNIV OF	LA VERNE		45	0
CA	LOS ANG CITY COLL	LOS ANGELES		299	438
CA	LOS ANG PIERCE COLL	WOODLAND HILLS		25	21
CA	LOS ANG TRADE-TECH COLL	LOS ANGELES		25	0
CA	LOYOLA MARYMOUNT UNIV	LOS ANGELES		112	0
CA	MARYMNT PALOS VERDES COLL	RANCH PLS VERDS		13	45
CA	MILLS COLL	OAKLAND		42	0
CA	MODESTO JR COLL	MODESTO		13	2
CA	MONTEREY INST INTL STDIES	MONTEREY		23	23
CA	MONTEREY PENINSULA COLL	MONTEREY		14	0
CA	MT ST MARY'S COLL	LOS ANGELES		6	7
CA	NORTHROP UNIV	LOS ANGELES		0	20
CA	OCCIDENTAL COLL	LOS ANGELES		30	0
CA	ORANGE COAST COLL	COSTA MESA		66	38
CA	PACIFIC CHRISTIAN COLL	FULLERTON		4	94
CA	PACIFIC MCGEORGE LAW, U	SACRAMENTO		185	0
CA	PACIFIC UNION COLL	ANGWIN		25	29
CA	PACIFIC, UNIV OF THE	STOCKTON		86	70
CA	PASADENA CITY COLL	PASADENA		93	88
CA	PITZER COLL	CLAREMONT		89	90
CA	POMONA COLL	CLAREMONT		40	160
CA	REDLANDS, UNIV OF	REDLANDS		150	0
CA	SADDLEBACK COLL	MISSION VIEJO		0	25
CA	SAN DIEGO MIRAMAR COLL	SAN DIEGO		0	13
CA	SAN DIEGO, UNIV OF	SAN DIEGO		25	47
CA	SAN FRANCISCO THEOL SEM	SAN ANSELMO		2	3
CA	SAN FRANCISCO, UNIV OF	SAN FRANCISCO		32	30
CA	SAN JOSE STATE UNIV	SAN JOSE		33	0
CA	SANTA BARBARA CITY COLL	SANTA BARBARA		159	150
CA	SANTA CLARA UNIV	SANTA CLARA		329	245
CA	SANTA MONICA COLL	SANTA MONICA		352	265
CA	SCRIPPS COLL	CLAREMONT		83	60
CA	SEQUOIAS, COLL OF THE	VISALIA		3	0
CA	SONOMA STATE UNIV	ROHNERT PARK		9	6
CA	ST MARY'S COLL OF CAL	MORAGA		28	16
CA	STANFORD UNIV	STANFORD		633	465
CA	STHN CAL COLL	COSTA MESA		53	65
CA	STHN CAL, UNIV OF	LOS ANGELES		320	107
CA	VENTURA COLL	VENTURA		97	73
CA	WEST LOS ANGELES COLL	CULVER CITY		25	0
CA	WHITTIER COLL	WHITTIER		13	43
CA	WORLD COLL WEST	PETALUMA		32	34
CA	WSTN ST UNIV C LAW ORANGE	FULLERTON		28	20
CA	WSTN ST UNIV C LAW SN DGO	SAN DIEGO		18	10
CA			TOTAL	8,070	6,209
CO	AURORA, CMTY COLL OF	AURORA		2	4
CO	COLORADO BOULDER, UNIV OF	BOULDER		233	257
CO	COLORADO COLL	COLO SPRINGS		132	164
CO	COLORADO STATE UNIV	FORT COLLINS		125	66
CO	DENVER, UNIV OF	DENVER		39	0
CO	FORT LEWIS COLL	DURANGO		0	19
CO	NAROPA INST	BOULDER		7	6
CO	NORTHERN COLORADO, U OF	GREELEY		0	14
CO	OTERO JR COLL	LA JUNTA		0	2
CO	PIKES PEAK CMTY COLL	COLO SPRINGS		0	3
CO	RED ROCKS CMTY COLL	GOLDEN		0	41
CO	REGIS COLL	DENVER		5	0
CO	WESTERN ST COLL COLORADO	GUNNISON		15	18
CO			TOTAL	558	594
CT	CONN, UNIV OF	STORRS		198	354
CT	FAIRFIELD UNIV	FAIRFIELD		0	77
CT	HARTFORD COLL FOR WOMEN	HARTFORD		0	1
CT	MATTATUCK CMTY COLL	WATERBURY		0	4
CT	SACRED HEART UNIV	FAIRFIELD		0	49
CT	SOUTHERN CONN STATE UNIV	NEW HAVEN		0	8
CT	TRINITY COLL	HARTFORD		180	0
CT	WESTERN CONN STATE UNIV	DANBURY		0	1
CT	YALE UNIV	NEW HAVEN		43	0
CT			TOTAL	421	494
DC	AMERICAN UNIV	WASHINGTON		330	460
DC	GALLAUDET COLL	WASHINGTON		21	30
DC	GEORGE WASHINGTON UNIV	WASHINGTON		121	204
DC	GEORGETOWN UNIV	WASHINGTON		638	210
DC	HOWARD UNIV	WASHINGTON		7	8
DC	JHNS HOPKINS SCH ADV INTL	WASHINGTON		125	60
DC			TOTAL	1,242	992
DE	DELAWARE, UNIV OF	NEWARK		533	360
DE	GOLDEY BEACOM COLL	WILMINGTON		4	3
DE	WESLEY COLL	DOVER		0	2
DE			TOTAL	537	365

BEST COPY AVAILABLE

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 89	PREVIOUS YEAR 87
FL	BARRY UNIV	MIAMI SHORES	32	0
FL	BETHUNE COOKMAN COLL	DAYTONA BEACH	7	2
FL	BROWARD CMTY COLL	FORT LAUDERDALE	93	122
FL	CENTRAL FLORIDA, UNIV OF	ORLANDO	55	0
FL	ECKERD COLL	ST PETERSBURG	203	209
FL	EDISON CMTY COLL	FORT MYERS	32	51
FL	FLAGLER COLL	ST AUGUSTINE	11	2
FL	FLORIDA INTERNATIONAL U	MIAMI	151	0
FL	FLORIDA, UNIV OF	GAINESVILLE	459	318
FL	MIAMI, UNIV OF	CORAL GABLES	162	0
FL	MIAMI-DADE CMTY COLL	MIAMI	144	201
FL	NORTH FLORIDA, UNIV OF	JACKSONVILLE	15	14
FL	PALM BEACH CMTY COLL	LAKE WORTH	0	55
FL	PENSACOLA JR COLL	PENSACOLA	0	43
FL	ROLLINS COLL	WINTER PARK	147	117
FL	SOUTH FLORIDA, UNIV OF	TAMPA	372	265
FL	ST THOMAS UNIV	MIAMI	23	45
FL	STETSON UNIV	DELAND	60	27
FL	TALLAHASSEE CMTY COLL	TALLAHASSEE	46	64
FL	VALENCIA CMTY COLL	ORLANDO	1	91
FL	WEBBER COLL	BABSON PARK	0	12
FL		TOTAL	2,012	1,628
GA	AGNES SCOTT COLL	DECATUR	58	29
GA	ANDREW COLL	CUTHBERT	0	1
GA	BERRY COLL	MOUNT BERRY	0	15
GA	CLARK ATLANTA UNIV	ATLANTA	1	0
GA	COLUMBUS COLL	COLUMBUS	5	28
GA	DALTON COLL	DALTON	8	15
GA	EMORY UNIV	ATLANTA	75	90
GA	GEORGIA COLL	MILLEDGEVILLE	53	1
GA	GEORGIA SOUTHERN UNIV	STATESBORO	27	59
GA	GEORGIA SOUTHWESTERN COLL	AMERICUS	1	2
GA	GEORGIA STATE UNIV	ATLANTA	434	0
GA	GEORGIA, UNIV OF	ATHENS	347	445
GA	INTERDENOMINATL THEOL CTR	ATLANTA	1	2
GA	MACON COLL	MACON	0	2
GA	MERCER UNIV IN ATLANTA	ATLANTA	28	30
GA	MERCER UNIV MAIN CAMPUS	MACON	19	7
GA	MERCER UNIV STHN SCH PHAR	ATLANTA	0	14
GA	MOREHOUSE COLL	ATLANTA	20	0
GA	NORTH GEORGIA COLL	DAHLONEGA	0	36
GA	OGLETHORPE UNIV	ATLANTA	0	9
GA	SAVANNAH COLL ART & DSGN	SAVANNAH	42	0
GA	SAVANNAH STATE COLL	SAVANNAH	0	1
GA	SHORTER COLL	ROME	8	11
GA	SOUTHERN COLL TECHNOLOGY	MARIETTA	0	11
GA	SPELMAN COLL	ATLANTA	5	17
GA	WESLEYAN COLL	MACON	3	1
GA	WEST GEORGIA COLL	CARROLLTON	71	18
GA	YOUNG HARRIS COLL	YOUNG HARRIS	0	8
GA		TOTAL	1,206	853
HI	CHAMINADE U OF HONOLULU	HONOLULU	0	3
HI	HAWAII AT MANOA, UNIV OF	HONOLULU	45	167
HI	HAWAII LOA COLL	KANEOHE	3	4
HI		TOTAL	49	174
IA	BRIAR CLIFF COLL	SIOUX CITY	0	2
IA	BUENA VISTA COLL	STORM LAKE	13	8
IA	CENTRAL COLL OF IOWA	PELLA	402	400
IA	CLARKE COLL	DUBUQUE	0	4
IA	COE COLL	CEDAR RAPIDS	0	4
IA	CORNELL COLL	MOUNT VERNON	77	62
IA	DES MOINES AREA CMTY COLL	ANKENY	0	3
IA	DIVINE WORD COLL	EPWORTH	3	8
IA	DORDT COLL	SIOUX CENTER	23	20
IA	DRAKE UNIV	DES MOINES	100	0
IA	DUBUQUE, UNIV OF	DUBUQUE	0	2
IA	GRINNELL COLL	GRINNELL	117	0
IA	IOWA STATE UNIV	AMES	160	148
IA	IOWA, UNIV OF	IOWA CITY	186	196
IA	LORAS COLL	DUBUQUE	0	15
IA	LUTHER COLL	DECORAH	83	86
IA	MORNINGSIDE COLL	SIOUX CITY	3	0
IA	MUSCATINE CMTY COLL	MUSCATINE	0	2
IA	NORTHERN IOWA, UNIV OF	CEDAR FALLS	244	232
IA	NORTHWESTERN COLL	ORANGE CITY	0	1
IA	SIMPSON COLL	INDIANOLA	5	73
IA	WARTBURG COLL	WAVERLY	14	43
IA	WARTBURG THEOLOGICAL SEM	DUBUQUE	0	3
IA		TOTAL	1,430	1,312

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR	PREVIOUS YEAR
				89	87
ID	IDAHO, COLL OF	CALDWELL		0	2
ID	IDAHO, UNIV OF	MOSCOW		12	3
ID			TOTAL	12	5
IL	ART INST CHICAGO, SCH OF	CHICAGO		68	0
IL	AUGUSTANA COLL	ROCK ISLAND		77	152
IL	BELLEVILLE AREA COLL	BELLEVILLE		0	22
IL	BETHANY THEOLOGICAL SEM	OAK BROOK		6	0
IL	BLACK HAWK C QUAD-CITIES	MOLINE		4	3
IL	BLACKBURN COLL	CARLINVILLE		14	14
IL	BRADLEY UNIV	PEORIA		99	65
IL	CATHOLIC THEOL UNION	CHICAGO		64	40
IL	CHICAGO STATE UNIV	CHICAGO		19	0
IL	CHICAGO, UNIV OF	CHICAGO		56	0
IL	DEPAUL UNIV	CHICAGO		53	67
IL	DUPAGE, COLL OF	GLEN ELLYN		67	24
IL	EASTERN ILLINOIS UNIV	CHARLESTON		38	38
IL	ELMHURST COLL	ELMHURST		27	30
IL	HIGHLAND CMTY COLL	FREEPORT		0	2
IL	ILL AT CHICAGO, UNIV OF	CHICAGO		28	0
IL	ILL BENEDICTINE COLL	LISLE		0	2
IL	ILL CENTRAL COLL	EAST PEORIA		3	17
IL	ILL COLL	JACKSONVILLE		12	2
IL	ILL INST TECHNOLOGY	CHICAGO		4	0
IL	ILL STATE UNIV	NORMAL		283	370
IL	ILL URBANA-CHAMPAIGN, U	CHAMPAIGN		497	625
IL	ILL WESLEYAN UNIV	BLOOMINGTON		26	125
IL	JOLIET JR COLL	JOLIET		1	5
IL	KANKAKEE CMTY COLL	KANKAKEE		4	0
IL	KNOX COLL	GALESBURG		59	67
IL	LAKE COUNTY, COLL OF	GRAYSLAKE		0	4
IL	LAKE FOREST COLL	LAKE FOREST		38	36
IL	LINCOLN LAND CMTY COLL	SPRINGFIELD		39	0
IL	LOYOLA UNIV OF CHICAGO	CHICAGO		328	303
IL	LUTHERAN SCH THEO CHICAGO	CHICAGO		3	5
IL	MCHENRY COUNTY COLL	CRYSTAL LAKE		0	2
IL	MENNONITE COLL OF NURSING	BLOOMINGTON		3	8
IL	MILLIKIN UNIV	DECATUR		0	3
IL	MONMOUTH COLL	MONMOUTH		4	1
IL	MORAINE VALLEY CMTY COLL	PALOS HILLS		1	0
IL	NORTH CENTRAL COLL	NAPERVILLE		0	13
IL	NORTHEASTERN ILLINOIS U	CHICAGO		43	0
IL	NORTHERN ILLINOIS UNIV	DEKALB		876	460
IL	NORTHWESTERN UNIV	EVANSTON		57	47
IL	OAKTON CMTY COLL	DES PLAINES		3	8
IL	PARKLAND COLL	CHAMPAIGN		4	0
IL	PRAIRIE STATE COLL	CHICAGO HEIGHTS		0	1
IL	PRINCIPIA COLL	ELSAH		86	75
IL	QUINCY COLL	QUINCY		0	1
IL	REND LAKE COLL	INA		2	7
IL	ROCKFORD COLL	ROCKFORD		223	204
IL	ROOSEVELT UNIV	CHICAGO		2	0
IL	ROSARY COLL	RIVER FOREST		20	46
IL	SEABURY-WESTERN THEOL SEM	EVANSTON		0	1
IL	SHIMER COLL	WAUKEGAN		8	0
IL	ST XAVIER COLL	CHICAGO		1	0
IL	STHN ILLINOIS U CARBONDL	CARBONDALE		37	51
IL	WAUBONSEE CMTY COLL	SUGAR GROVE		0	2
IL	WESTERN ILLINOIS UNIV	MACOMB		11	54
IL	WHEATON COLL	WHEATON		156	85
IL	WM RAINEY HARPER COLL	PALATINE		0	15
IL			TOTAL	3,454	3,102
IN	ANDERSON UNIV	ANDERSON		5	15
IN	BALL STATE UNIV	MUNCIE		200	245
IN	BUTLER UNIV	INDIANAPOLIS		565	2
IN	DEPAUW UNIV	GREENCASTLE		101	0
IN	EARLHAM COLL	RICHMOND		146	117
IN	EVANSVILLE, UNIV OF	EVANSVILLE		119	0
IN	FRANKLIN COLL OF INDIANA	FRANKLIN		0	2
IN	GOSHEN COLL	GOSHEN		227	191
IN	GRACE COLL	WINONA LAKE		6	0
IN	HANOVER COLL	HANOVER		11	7
IN	HUNTINGTON COLL	HUNTINGTON		0	26
IN	IND U PURDUE INDIANAPOLIS	INDIANAPOLIS		38	0
IN	INDIANA STATE UNIV	TERRE HAUTE		18	0
IN	INDIANA U AT BLOOMINGTON	BLOOMINGTON		440	0
IN	INDIANAPOLIS, UNIV OF	INDIANAPOLIS		20	63
IN	MANCHESTER COLL	N MANCHESTER		12	8
IN	NOTRE DAME, UNIV OF	NOTRE DAME		392	409
IN	PURDUE U MAIN CAMPUS	WEST LAFAYETTE		47	59
IN	ROSE-HULMAN INST OF TECH	TERRE HAUTE		10	0
IN	ST MARY OF THE WOODS COLL	ST MARY WOODS		0	1
IN	ST MARY'S COLL	NOTRE DAME		105	188
IN	ST MEINRAD SCH THEOLOGY	SAINT MEINRAD		3	21
IN	TAYLOR UNIV	UPLAND		2	2

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
IN	TRI-STATE UNIV	ANGOLA		0	2
IN	VALPARAISO UNIV	VALPARAISO		125	113
IN	WABASH COLL	CRAWFORDSVILLE		5	36
IN			TOTAL	2,597	1,507
KS	BAKER UNIV	BALDWIN CITY		5	1
KS	BARTON COUNTY CMTY COLL	GREAT BEND		0	5
KS	BENEDICTINE COLL	ATCHISON		0	1
KS	BETHEL COLL	NORTH NEWTON		7	7
KS	FORT HAYS STATE UNIV	HAYS		1	1
KS	KANSAS STATE UNIV	MANHATTAN		108	100
KS	KANSAS, UNIV OF	LAWRENCE		588	514
KS	MCPHERSON COLL	MCPHERSON		0	3
KS	OTTAWA UNIV-OTTAWA CAMPUS	OTTAWA		1	1
KS	PITTSBURG STATE UNIV	PITTSBURG		30	30
KS	TABOR COLL	HILLSBORO		1	12
KS	WASHBURN UNIV OF TOPEKA	TOPEKA		60	0
KS	WICHITA STATE UNIV	WICHITA		0	59
KS			TOTAL	801	734
KY	ASBURY COLL	WILMORE		11	21
KY	ASBURY THEOLOGICAL SEM	WILMORE		10	14
KY	BELLARMINE COLL	LOUISVILLE		45	20
KY	CAMPBELLSVILLE COLL	CAMPBELLSVILLE		0	1
KY	CENTRE COLL	DANVILLE		56	29
KY	GEORGETOWN COLL	GEORGETOWN		0	3
KY	KENTUCKY, UNIV OF	LEXINGTON		129	153
KY	LEXINGTON THEOLOGICAL SEM	LEXINGTON		0	1
KY	MOREHEAD STATE UNIV	MOREHEAD		63	0
KY	MURRAY STATE UNIV	MURRAY		51	78
KY	NORTHERN KENTUCKY UNIV	HIGHLAND HTS		60	25
KY	TRANSYLVANIA UNIV	LEXINGTON		0	2
KY	WESTERN KENTUCKY UNIV	BOWLING GREEN		45	117
KY			TOTAL	470	464
LA	LA STATE U BATON ROUGE	BATON ROUGE		197	152
LA	LA STATE U SHREVEPORT	SHREVEPORT		1	2
LA	LA TECH UNIV	RUSTON		0	14
LA	NEW ORLEANS, UNIV OF	NEW ORLEANS		453	303
LA	NICHOLLS STATE UNIV	THIBODAUX		294	132
LA	NORTHWESTERN STATE UNIV	NATCHITOCHES		4	5
LA	STHWSTN LOUISIANA, U OF	LAFAYETTE		21	36
LA	TULANE UNIV OF LOUISIANA	NEW ORLEANS		191	200
LA			TOTAL	1,161	844
MA	AMERICAN INTERNATL COLL	SPRINGFIELD		0	5
MA	AMHERST COLL	AMHERST		30	134
MA	ASSUMPTION COLL	WORCESTER		0	38
MA	BABSON COLL	BABSON PARK		0	2
MA	BENTLEY COLL	WALTHAM		47	47
MA	BOSTON UNIV	BOSTON		670	810
MA	BRANDEIS UNIV	WALTHAM		124	99
MA	BRIDGEWATER STATE COLL	BRIDGEWATER		16	10
MA	CAPE COD CMTY COLL	W BARNSTABLE		41	38
MA	CLARK UNIV	WORCESTER		101	89
MA	EMERSON COLL	BOSTON		70	80
MA	EMMANUEL COLL	BOSTON		10	6
MA	ENDICOTT COLL	BEVERLY		12	0
MA	GORDON COLL	WENHAM		105	78
MA	HARVARD UNIV	CAMBRIDGE		0	178
MA	HOLY CROSS, COLL OF THE	WORCESTER		92	97
MA	LESLEY COLL	CAMBRIDGE		0	17
MA	MASS AMHERST CAMPUS,U OF	AMHERST		904	711
MA	MASS BAY CMTY COLL	WELLESLEY HILLS		3	1
MA	MERRIMACK COLL	NORTH ANDOVER		26	15
MA	MOUNT HOLYOKE COLL	SOUTH HADLEY		27	36
MA	NEW ENG COLL OF OPTOMETRY	BOSTON		16	0
MA	NICHOLS COLL	DUDLEY		2	2
MA	NORTH ADAMS STATE COLL	NORTH ADAMS		0	24
MA	NORTH SHORE CMTY COLL	DANVERS		0	5
MA	NORTHEASTERN UNIV	BOSTON		18	113
MA	NORTHERN ESSEX CMTY COLL	HAVERHILL		6	28
MA	PINE MANOR COLL	CHESTNUT HILL		5	19
MA	REGIS COLL	WESTON		0	2
MA	SALEM STATE COLL	SALEM		0	24
MA	SIMMONS COLL	BOSTON		21	69
MA	SMITH COLL	NORTHAMPTON		163	0
MA	SPRINGFIELD COLL	SPRINGFIELD		16	25
MA	STONEHILL COLL	NORTH EASTON		17	50
MA	SUFFOLK UNIV	BOSTON		8	1
MA	TUFTS FLTCHR LAW& DIPLMCY	MEDFORD		2	1
MA	TUFTS UNIV	MEDFORD		228	0

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 88	PREVIOUS YEAR 87
MA	WELLESLEY COLL	WELLESLEY		158	78
MA	WESTERN NEW ENGLAND COLL	SPRINGFIELD		0	3
MA	WESTFIELD STATE COLL	WESTFIELD		0	24
MA	WHEATON COLL	NORTON		24	4
MA	WILLIAMS COLL	WILLIAMSTOWN		48	77
MA	WORCESTER POLY INST	WORCESTER		111	40
MA			TOTAL	3,121	3,080
MD	BALTIMORE, UNIV OF	BALTIMORE		20	10
MD	COLUMBIA UNION COLL	TAKOMA PARK		0	2
MD	FROSTBURG STATE UNIV	FROSTBURG		2	20
MD	GOUCHER COLL	BALTIMORE		55	5
MD	HOOD COLL	FREDERICK		0	18
MD	JOHNS HOPKINS UNIV	BALTIMORE		20	0
MD	LOYOLA COLL	BALTIMORE		35	22
MD	MARYLAND AT BALTIMORE, U	BALTIMORE		0	45
MD	MARYLAND COLLEGE PARK, U	COLLEGE PARK		209	202
MD	MARYLAND INST COLL OF ART	BALTIMORE		31	9
MD	MONTGOMERY C ROCKVILLE	ROCKVILLE		2	2
MD	MOUNT ST MARY'S COLL	EMMITSBURG		0	4
MD	NOTRE DAME MD, COLL OF	BALTIMORE		5	0
MD	SALISBURY STATE UNIV	SALISBURY		0	2
MD	ST MARY'S COLL MARYLAND	ST MARY'S CITY		29	27
MD	TOWSON STATE UNIV	TOWSON		36	35
MD	WASHINGTON COLL	CHESTERTOWN		8	17
MD			TOTAL	452	420
ME	BATES COLL	LEWISTON		112	92
ME	HUSSON COLL	BANGOR		1	1
ME	MAINE AT FARMINGTON, U OF	FARMINGTON		28	13
ME	MAINE AT FORT KENT, U OF	FORT KENT		0	1
ME	MAINE AT PRESQUE ISLE, U	PRESQUE ISLE		2	4
ME	MAINE, UNIV OF	ORONO		49	0
ME	STHN MAINE, UNIV OF	PORTLAND		35	0
ME			TOTAL	227	111
MI	ALBION COLL	ALBION		70	75
MI	ALMA COLL	ALMA		174	172
MI	ANDREWS UNIV	BERRIEN SPRINGS		0	27
MI	AQUINAS COLL	GRAND RAPIDS		12	0
MI	CALVIN COLL	GRAND RAPIDS		65	51
MI	CENTRAL MICHIGAN UNIV	MT PLEASANT		107	88
MI	CHARLES S MOTT CMTY COLL	FLINT		0	1
MI	CTR FOR CREATIVE STUDIES	DETROIT		4	18
MI	DAVENPORT COLL	GRAND RAPIDS		0	3
MI	DETROIT, UNIV OF	DETROIT		55	65
MI	EASTERN MICHIGAN UNIV	YPSILANTI		265	352
MI	FERRIS STATE UNIV	BIG RAPIDS		2	0
MI	GRAND RAPIDS BAPT C & SEM	GRAND RAPIDS		0	3
MI	GRAND VALLEY STATE UNIV	ALLENDALE		93	80
MI	HILLSDALE COLL	HILLSDALE		8	26
MI	HOPE COLL	HOLLAND		0	115
MI	KALAMAZOO COLL	KALAMAZOO		237	202
MI	KENDALL COLL ART & DSGN	GRAND RAPIDS		0	2
MI	LANSING CMTY COLL	LANSING		2	52
MI	MICHIGAN STATE UNIV	EAST LANSING		1,099	1,022
MI	MICHIGAN TECHNOLOGICAL U	HOUGHTON		19	10
MI	MICHIGAN-ANN ARBOR, U OF	ANN ARBOR		309	328
MI	MICHIGAN-DEARBORN, U OF	DEARBORN		29	0
MI	NORTHERN MICHIGAN UNIV	MARQUETTE		6	17
MI	NORTHWOOD INST	MIDLAND		41	0
MI	OAKLAND UNIV	ROCHESTER		30	27
MI	OLIVET COLL	OLIVET		0	1
MI	SAGINAW VALLEY STATE UNIV	UNIV CENTER		8	20
MI	SPRING ARBOR COLL	SPRING ARBOR		95	29
MI	ST CLAIR COUNTY CMTY COLL	PORT HURON		34	0
MI	WAYNE STATE UNIV	DETROIT		72	88
MI	WESTERN MICHIGAN UNIV	KALAMAZOO		184	70
MI			TOTAL	3,020	2,944
MN	AUGSBURG COLL	MINNEAPOLIS		49	14
MN	BEMIDJI STATE UNIV	BEMIDJI		33	31
MN	CARLETON COLL	NORTHFIELD		243	186
MN	CONCORDIA COLL MOORHEAD	MOORHEAD		191	204
MN	GUSTAVUS ADOLPHUS COLL	SAINT PETER		128	190
MN	HAMLINE UNIV	SAINT PAUL		25	0
MN	LUTHER NTHWSTN THEOL SEM	SAINT PAUL		0	1
MN	MACALESTER COLL	SAINT PAUL		74	183
MN	MINN CROOKSTON, UNIV OF	CROOKSTON		2	0
MN	MINN DULUTH, UNIV OF	DULUTH		84	105
MN	MINN TWIN CITIES, UNIV OF	MINNEAPOLIS		981	565
MN	MINN WASECA, UNIV OF	WASECA		4	7
MN	MOORHEAD STATE UNIV	MOORHEAD		120	140
MN	NORTH HENNEPIN CMTY COLL	MINNEAPOLIS		2	0

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
MN	ST CATHERINE, COLL OF	SAINT PAUL		101	36
MN	ST CLOUD STATE UNIV	SAINT CLOUD		224	0
MN	ST JOHN'S UNIV	COLLEGEVILLE		243	0
MN	ST MARY'S COLL OF MINN	WINONA		17	37
MN	ST OLAF COLL	NORTHFIELD		522	490
MN	ST SCHOLASTICA, COLL OF	DULUTH		16	26
MN	ST TERESA, COLL OF	WINONA		0	14
MN	ST THOMAS, UNIV OF	SAINT PAUL		101	224
MN	UNITED THEOLOGICAL SEM	NEW BRIGHTON		0	1
MN	WINONA STATE UNIV	WINONA		0	30
MN			TOTAL	3,160	2,484
MO	CENTRAL MISSOURI ST UNIV	WARRENSBURG		63	49
MO	DRURY COLL	SPRINGFIELD		25	22
MO	EAST CENTRAL COLL	UNION		1	1
MO	EDEN THEOLOGICAL SEM	WEBSTER GROVES		1	1
MO	FONTBONNE COLL	SAINT LOUIS		0	2
MO	KANSAS CITY ART INST	KANSAS CITY		5	5
MO	MISSOURI COLUMBIA, U OF	COLUMBIA		6	69
MO	MISSOURI KANSAS CITY,U OF	KANSAS CITY		115	92
MO	NTHEST MISSOURI STATE U	KIRKSVILLE		50	0
MO	OZARKS, COLL OF THE	POINT LOOKOUT		0	3
MO	ST LOUIS UNIV MAIN CAMPUS	SAINT LOUIS		350	370
MO	ST PAUL SCH OF THEOLOGY	KANSAS CITY		9	7
MO	STEPHENS COLL	COLUMBIA		0	15
MO	STHEST MISSOURI STATE U	CAPE GIRARDEAU		18	46
MO	STHWST MISSOURI STATE U	SPRINGFIELD		76	50
MO	WASHINGTON UNIV	SAINT LOUIS		16	0
MO	WEBSTER UNIV	SAINT LOUIS		76	37
MO	WESTMINSTER COLL	FULTON		5	4
MO	WILLIAM JEWELL COLL	LIBERTY		112	90
MO	WILLIAM WOODS COLL	FULTON		0	7
MO			TOTAL	928	870
MS	MILLSAPS COLL	JACKSON		21	0
MS	MISSISSIPPI COLL	CLINTON		51	2
MS	MISSISSIPPI MAIN CAM,U OF	UNIVERSITY		58	0
MS	MISSISSIPPI STATE UNIV	MS STATE		73	116
MS	RUST COLL	HOLLY SPRINGS		0	2
MS	SOUTHERN MISSISSIPPI,U OF	HATTIESBURG		379	326
MS	WILLIAM CAREY COLL	HATTIESBURG		0	59
MS			TOTAL	582	505
MT	CARROLL COLL	HELENA		7	4
MT	MONTANA STATE UNIV	BOZEMAN		29	25
MT	MONTANA, UNIV OF	MISSOULA		109	43
MT			TOTAL	145	72
NC	APPALACHIAN STATE UNIV	BOONE		181	99
NC	DAVIDSON COLL	DAVIDSON		123	95
NC	DUKE UNIV	DURHAM		432	469
NC	EAST CAROLINA UNIV	GREENVILLE		72	0
NC	ELON COLL	ELON COLLEGE		200	153
NC	GREENSBORO COLL	GREENSBORO		0	1
NC	GUILFORD COLL	GREENSBORO		71	84
NC	LENOIR CMTY COLL	KINSTON		0	1
NC	LENOIR-RHYNE COLL	HICKORY		0	11
NC	MARS HILL COLL	MARS HILL		4	4
NC	MEREDITH COLL	RALEIGH		45	0
NC	NC AGRL & TECH STATE UNIV	GREENSBORO		0	15
NC	NC AT ASHEVILLE, UNIV OF	ASHEVILLE		18	17
NC	NC AT CHAPEL HILL, U OF	CHAPEL HILL		555	120
NC	NC AT CHARLOTTE, UNIV OF	CHARLOTTE		126	78
NC	NC AT GREENSBORO, UNIV OF	GREENSBORO		120	35
NC	NC AT WILMINGTON, UNIV OF	WILMINGTON		8	18
NC	NC CENTRAL UNIV	DURHAM		0	6
NC	NC STATE UNIV RALEIGH	RALEIGH		91	79
NC	PEACE COLL	RALEIGH		17	0
NC	PFEIFFER COLL	MISENHEIMER		1	0
NC	SALEM COLL	WINSTON-SALEM		0	1
NC	ST MARY'S COLL	RALEIGH		0	7
NC	STHESTN BAPTIST THEOL SEM	WAKE FOREST		21	32
NC	WAKE FOREST UNIV	WINSTON-SALEM		15	145
NC	WESTERN CAROLINA UNIV	CULLOWHEE		0	5
NC	WINGATE COLL	WINGATE		19	20
NC			TOTAL	2,119	1,495
ND	MINOT STATE UNIV	MINOT		9	0
ND	ND MAIN CAMPUS, UNIV OF	GRAND FORKS		39	0
ND	ND STATE U MAIN CAMPUS	FARGO		20	7
ND	VALLEY CITY STATE UNIV	VALLEY CITY		2	0
ND			TOTAL	70	7

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
NE	CHADRON STATE COLL	CHADRON		0	14
NE	DANA COLL	BLAIR		1	1
NE	DOANE COLL	CRETE		2	0
NE	HASTINGS COLL	HASTINGS		1	0
NE	NEBRASKA AT KEARNEY, U OF	KEARNEY		6	7
NE	NEBRASKA LINCOLN, UNIV OF	LINCOLN		217	0
NE	NEBRASKA OMAHA, UNIV OF	OMAHA		44	89
NE	NEBRASKA WESLEYAN UNIV	LINCOLN		32	26
NE	UNION COLL	LINCOLN		0	5
NE			TOTAL	303	142
NH	COLBY-SAWYER COLL	NEW LONDON		0	3
NH	KEENE STATE COLL	KEENE		108	106
NH	NEW ENGLAND COLL	HENNIKER		165	318
NH	NEW HAMPSHIRE COLL	MANCHESTER		91	59
NH	NEW HAMPSHIRE, UNIV OF	DURHAM		98	0
NH	PLYMOUTH STATE COLL	PLYMOUTH		7	4
NH	ST ANSELM'S COLL	MANCHESTER		0	15
NH			TOTAL	469	505
NJ	BERGEN CMTY COLL	PARAMUS		0	170
NJ	BLOOMFIELD COLL	BLOOMFIELD		3	3
NJ	CALDWELL COLL	CALDWELL		0	2
NJ	CENTENARY COLL	HACKETTSTOWN		3	1
NJ	DON BOSCO COLL	NEWTON		0	1
NJ	DREW UNIV	MADISON		152	130
NJ	FAIRLEGH DCKSN U EDW WMS	HACKENSACK		0	2
NJ	FAIRLEGH DCKSN U RUTHRFRD	RUTHERFORD		84	162
NJ	GEORGIAN COURT COLL	LAKEWOOD		1	28
NJ	GLASSBORO STATE COLL	GLASSBORO		0	15
NJ	MIDDLESEX COUNTY COLL	EDISON		90	0
NJ	MONTCLAIR STATE COLL	UPPER MONTCLAIR		37	0
NJ	PRINCETON UNIV	PRINCETON		49	41
NJ	RAMAPO COLL OF NEW JERSEY	MAHWAH		19	87
NJ	RIDER COLL	LAWRENCEVILLE		12	13
NJ	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK		342	114
NJ	SALEM CMTY COLL	CARNEYS POINT		3	11
NJ	SETON HALL UNIV	SOUTH ORANGE		9	5
NJ	ST PETER'S COLL	JERSEY CITY		7	5
NJ	STEVENS INST TECHNOLOGY	HOBOKEN		0	5
NJ	STOCKTON STATE COLL	POMONA		18	19
NJ	TRENTON STATE COLL	TRENTON		61	37
NJ	WILLIAM PATERSON COLL	WAYNE		23	13
NJ			TOTAL	913	864
NM	NEW MEXICO ALBUQUERQUE, U	ALBUQUERQUE		65	117
NM	NEW MEXICO ST U MAIN	LAS CRUCES		0	12
NM	NEW MEXICO TECH	SOCORRO		1	0
NM	WESTERN NEW MEXICO UNIV	SILVER CITY		9	12
NM			TOTAL	75	141
NV	NEVADA LAS VEGAS, UNIV OF	LAS VEGAS		46	26
NV	NEVADA RENO, UNIV OF	RENO		168	0
NV			TOTAL	214	26
NY	ALFRED UNIV	ALFRED		0	45
NY	BARNARD COLL	NEW YORK		62	109
NY	CAYUGA CO CMTY COLL	AUBURN		104	128
NY	CAZENOVIA COLL	CAZENOVIA		19	30
NY	CLARKSON UNIV	POTSDAM		0	15
NY	COLGATE UNIV	HAMILTON		228	232
NY	COLUMBIA UNIV	NEW YORK		184	0
NY	CONCORDIA COLL	BRONXVILLE		104	359
NY	CORNELL UNIV	ITHACA		296	335
NY	CORNING CMTY COLL	CORNING		19	17
NY	CUNY BORO OF MANHATTAN CC	NEW YORK		0	13
NY	CUNY BROOKLYN COLL	BROOKLYN		0	95
NY	CUNY CITY COLL	NEW YORK		20	0
NY	CUNY GRAD SCH & UNIV CTR	NEW YORK		3	2
NY	CUNY JOHN JAY COLL	NEW YORK		0	15
NY	CUNY LEHMAN COLL	BRONX		2	6
NY	CUNY QUEENS COLL	FLUSHING		27	39
NY	DUTCHESS CMTY COLL	POUGHKEEPSIE		0	3
NY	ELMIRA COLL	ELMIRA		4	9
NY	ERIE CMTY COLL-CITY	BUFFALO		0	12
NY	FASHION INST TECHNOLOGY	NEW YORK		232	273
NY	FORDHAM UNIV	BRONX		23	0
NY	FRIENDS WORLD PRGM OF LIU	SOUTHAMPTON		207	685
NY	GENERAL THEOLOGICAL SEM	NEW YORK		1	2
NY	HAMILTON COLL	CLINTON		91	143
NY	HARTWICK COLL	ONEONTA		214	173
NY	HOBART & WM SMITH COLLS	GENEVA		116	183
NY	HOFSTRA UNIV	HEMPSTEAD		91	67
NY	HOUGHTON COLL	HOUGHTON		0	4
NY	INSURANCE, COLL OF	NEW YORK		0	3

BEST COPY AVAILABLE

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 89	PREVIOUS YEAR 87
NY	ITHACA COLL	ITHACA	265	260
NY	JAMESTOWN CMTY COLL	JAMESTOWN	0	14
NY	JEWISH THEOL SEM AMERICA	NEW YORK	20	45
NY	KING'S COLL	BRIARCLF MANOR	32	39
NY	LE MOYNE COLL	SYRACUSE	0	10
NY	LONG IS U C W POST CAMPUS	BROOKVILLE	2	0
NY	MANHATTAN COLL	RIVERDALE	15	22
NY	MARIST COLL	POUGHKEEPSIE	22	0
NY	MARYKNOLL SCH OF THEOLOGY	MARYKNOLL	6	0
NY	MARYMOUNT COLL	TARRYTOWN	200	171
NY	MT ST VINCENT, COLL OF	RIVERDALE	177	0
NY	NASSAU CMTY COLL	GARDEN CITY	70	0
NY	NAZARETH COLL ROCHESTER	ROCHESTER	0	19
NY	NEW ROCHELLE, COLL OF	NEW ROCHELLE	0	6
NY	NEW YORK UNIV	NEW YORK	530	45
NY	NYACK COLL	NYACK	51	51
NY	PACE UNIV NEW YORK	NEW YORK	23	12
NY	PRATT INST	BROOKLYN	68	75
NY	RENSSELAER POLY INST	TROY	40	41
NY	ROBERTS WESLEYAN COLL	ROCHESTER	24	28
NY	ROCHESTER INST TECHNOLOGY	ROCHESTER	13	0
NY	ROCHESTER, UNIV OF	ROCHESTER	95	0
NY	ROCKLAND CMTY COLL	SUFFERN	775	396
NY	RUSSELL SAGE COLL	TROY	10	11
NY	SARAH LAWRENCE COLL	BRONXVILLE	152	95
NY	ST BONAVENTURE UNIV	ST BONAVENTURE	140	134
NY	ST FRANCIS COLL	BROOKLYN	6	5
NY	ST LAWRENCE UNIV	CANTON	201	250
NY	ST ROSE, COLL OF	ALBANY	1	1
NY	SUNY AT ALBANY	ALBANY	316	307
NY	SUNY AT BINGHAMTON	BINGHAMTON	95	243
NY	SUNY AT BUFFALO	BUFFALO	119	79
NY	SUNY AT STONY BK MAIN CAM	STONY BROOK	75	221
NY	SUNY COLL AT BROCKPORT	BROCKPORT	233	241
NY	SUNY COLL AT BUFFALO	BUFFALO	83	149
NY	SUNY COLL AT CORTLAND	CORTLAND	288	341
NY	SUNY COLL AT FREDONIA	FREDONIA	2	16
NY	SUNY COLL AT NEW PALTZ	NEW PALTZ	200	169
NY	SUNY COLL AT OLD WESTBURY	OLD WESTBURY	10	6
NY	SUNY COLL AT ONEONTA	ONEONTA	98	49
NY	SUNY COLL AT OSWEGO	OSWEGO	223	173
NY	SUNY COLL AT PLATTSBURGH	PLATTSBURGH	86	162
NY	SUNY COLL AT POTSDAM	POTSDAM	50	25
NY	SUNY COLL AT PURCHASE	PURCHASE	15	33
NY	SUNY COLL ENV SCI& FRSTRY	SYRACUSE	47	45
NY	SUNY EMPIRE STATE COLL	SARATOGA SPRNGS	0	52
NY	SUNY HEALTH SCI CTR SYRAC	SYRACUSE	0	5
NY	SUNY INST TECH UTICA/ROME	UTICA	0	1
NY	SYRACUSE UNIV MAIN CAMPUS	SYRACUSE	1,966	108
NY	SYRACUSE UNIV UTICA COLL	UTICA	2	2
NY	UNION COLL	SCHENECTADY	180	200
NY	VASSAR COLL	POUGHKEEPSIE	61	136
NY	VISUAL ARTS, SCH OF	NEW YORK	23	43
NY	WAGNER COLL	STATEN ISLAND	17	42
NY	WELLS COLL	AURORA	26	0
NY	WESTCHESTER CMTY COLL	VALHALLA	97	76
NY	YESHIVA UNIV	NEW YORK	278	375
NY		TOTAL	9,577	8,027
OH	AKRON MAIN CAMPUS, U OF	AKRON	70	85
OH	ANTIOCH UNIV	YELLOW SPRINGS	101	183
OH	ASHLAND UNIV	ASHLAND	0	1
OH	ATHENAEUM OF OHIO	CINCINNATI	2	4
OH	BALDWIN-WALLACE COLL	BEREA	50	0
OH	BLUFFTON COLL	BLUFFTON	1	8
OH	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	267	229
OH	CAPITAL UNIV	COLUMBUS	20	5
OH	CASE WESTERN RESERVE UNIV	CLEVELAND	22	12
OH	CENTRAL STATE UNIV	WILBERFORCE	7	5
OH	CINCINNATI, UNIV OF	CINCINNATI	33	24
OH	CLEVELAND INST OF ART	CLEVELAND	325	289
OH	DAYTON, UNIV OF	DAYTON	116	0
OH	DENISON UNIV	GRANVILLE	0	160
OH	FINDLAY, THE UNIV OF	FINDLAY	4	2
OH	FRANCISCAN U STEUBENVILLE	STEUBENVILLE	0	1
OH	HEBREW UNION COLL	CINCINNATI	71	0
OH	HEIDELBERG COLL	TIFFIN	57	39
OH	HIRAM COLL	HIRAM	102	99
OH	KENT STATE U MAIN CAMPUS	KENT	159	0
OH	KENYON COLL	GAMBIER	164	106
OH	LAKE ERIE COLL	PAINESVILLE	27	38
OH	MALONE COLL	CANTON	5	9
OH	MARIETTA COLL	MARIETTA	0	1
OH	METHODIST THEOL SCH OHIO	DELAWARE	0	2
OH	MIAMI UNIV OXFORD	OXFORD	685	644
OH	MOUNT ST JOSEPH, COLL OF	MT ST JOSEPH	8	6
OH	MOUNT UNION COLL	ALLIANCE	1	8
OH	MUSKINGUM COLL	NEW CONCORD	1	0

STATE	UNIVERSITY NAME	CITY	CURRENT YEAR 89.	PREVIOUS YEAR 87
OH	OBERLIN COLL	OBERLIN	104	0
OH	OHIO DOMINICAN COLL	COLUMBUS	0	3
OH	OHIO NORTHERN UNIV	ADA	13	0
OH	OHIO STATE U MAIN CAMPUS	COLUMBUS	262	112
OH	OHIO UNIV MAIN CAMPUS	ATHENS	199	153
OH	OHIO WESLEYAN UNIV	DELAWARE	76	68
OH	OTTERBEIN COLL	WESTERVILLE	6	8
OH	PONTIFICAL C JOSEPHINUM	COLUMBUS	0	10
OH	SINCLAIR CMTY COLL	DAYTON	0	1
OH	TRINITY LUTHERAN SEM	COLUMBUS	0	2
OH	WILMINGTON COLL	WILMINGTON	6	23
OH	WITTENBERG UNIV	SPRINGFIELD	251	58
OH	XAVIER UNIV	CINCINNATI	5	68
OH		TOTAL	3,220	2,456
OK	CENTRAL OKLAHOMA, UNIV OF	EDMOND	4	0
OK	OKLA BAPTIST UNIV	SHAWNEE	0	27
OK	OKLA CHRISTIAN UNIV	OKLAHOMA CITY	0	44
OK	OKLA NORMAN, UNIV OF	NORMAN	161	113
OK	OKLA STATE U MAIN CAMPUS	STILLWATER	0	27
OK	ORAL ROBERTS UNIV	TULSA	0	9
OK	PHILLIPS UNIV	ENID	19	0
OK	TULSA, UNIV OF	TULSA	18	19
OK		TOTAL	202	239
OR	CENTRAL OREGON CMTY COLL	BEND	13	0
OR	CHEMEKETA CMTY COLL	SALEM	3	1
OR	EASTERN OREGON STATE COLL	LA GRANDE	0	3
OR	GEORGE FOX COLL	NEWBERG	27	26
OR	LANE CMTY COLL	EUGENE	10	9
OR	LEWIS & CLARK COLL	PORTLAND	215	230
OR	LINFIELD COLL	MCMINNVILLE	198	160
OR	MOUNT HOOD CMTY COLL	GRESHAM	0	15
OR	OREGON MAIN CAMPUS, U OF	EUGENE	20	387
OR	OREGON STATE UNIV	CORVALLIS	171	129
OR	PACIFIC UNIV	FOREST GROVE	0	7
OR	PORTLAND STATE UNIV	PORTLAND	188	125
OR	PORTLAND, UNIV OF	PORTLAND	59	39
OR	REED COLL	PORTLAND	43	60
OR	SOUTHERN OREGON ST COLL	ASHLAND	0	16
OR	WILLAMETTE UNIV	SALEM	0	86
OR	WSTN OREGON STATE COLL	MONMOUTH	0	17
OR		TOTAL	947	1,310
PA	ALBRIGHT COLL	READING	51	94
PA	ALLENTOWN COLL	CENTER VALLEY	3	1
PA	ARTS, UNIV OF THE	PHILADELPHIA	0	2
PA	BEAVER COLL	GLENSIDE	1,168	1,450
PA	BRYN MAWR COLL	BRYN MAWR	66	32
PA	BUCKNELL UNIV	LEWISBURG	73	102
PA	BUCKS COUNTY CMTY COLL	NEWTOWN	6	6
PA	CALIFORNIA UNIV OF PA	CALIFORNIA	3	0
PA	CARNEGIE-MELLON UNIV	PITTSBURGH	39	45
PA	CEDAR CREST COLL	ALLENTOWN	4	0
PA	CHESTNUT HILL COLL	PHILADELPHIA	5	0
PA	CLARION UNIV OF PENN	CLARION	18	0
PA	DICKINSON COLL	CARLISLE	214	240
PA	DUQUESNE UNIV	PITTSBURGH	13	10
PA	EAST STROUDSBURG UNIV	E STROUDSBURG	10	26
PA	EASTERN COLL	SAINT DAVIDS	5	6
PA	EDINBORO UNIV	EDINBORO	101	72
PA	ELIZABETHTOWN COLL	ELIZABETHTOWN	16	13
PA	FRANKLIN & MARSHALL COLL	LANCASTER	0	23
PA	GENEVA COLL	BEAVER FALLS	0	1
PA	GETTYSBURG COLL	GETTYSBURG	66	16
PA	HAVERFORD COLL	HAVERFORD	79	64
PA	IMMACULATA COLL	IMMACULATA	6	23
PA	INDIANA UNIV OF PENN	INDIANA	235	500
PA	JUNIATA COLL	HUNTINGDON	34	36
PA	KING'S COLL	WILKES-BARRE	3	1
PA	KUTZTOWN UNIV OF PENN	KUTZTOWN	118	0
PA	LA SALLE UNIV	PHILADELPHIA	0	25
PA	LAFAYETTE COLL	EASTON	36	0
PA	LANCASTER BIBLE COLL	LANCASTER	0	2
PA	LEHIGH UNIV	BETHLEHEM	28	31
PA	LINCOLN UNIV	LINCOLN UNIV	0	8
PA	LOCK HAVEN UNIV	LOCK HAVEN	114	118
PA	LYCOMING COLL	WILLIAMSPORT	2	1
PA	MANOR JR COLL	JENKINTOWN	0	1
PA	MANSFIELD UNIV	MANSFIELD	0	21
PA	MERCYHURST COLL	ERIE	1	2
PA	MESSIAH COLL	GRANTHAM	17	12
PA	MILLERSVILLE UNIV	MILLERSVILLE	17	30
PA	MISERICORDIA, COLL OF	DALLAS	6	1
PA	MUHLENBERG COLL	ALLENTOWN	37	25
PA	NEW CHURCH, ACAD OF THE	BRYN ATHYN	0	1

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
PA	PENN STATE U-UNIV PK CAM	UNIVERSITY PARK		445	407
PA	PENN, UNIV OF	PHILADELPHIA		630	608
PA	PHILA COLL OF THE BIBLE	LANGHORNE		6	3
PA	PHILA COLL TEXTILE & SCI	PHILADELPHIA		8	7
PA	PITTSBURGH MAIN CAMPUS, U	PITTSBURGH		196	164
PA	SCRANTON, UNIV OF	SCRANTON		0	18
PA	SHIPPENSBURG U OF PENN	SHIPPENSBURG		0	14
PA	SLIPPERY ROCK UNIV	SLIPPERY ROCK		269	337
PA	ST FRANCIS COLL	LORETTO		0	4
PA	ST JOSEPH'S UNIV	PHILADELPHIA		51	0
PA	SUSQUEHANNA UNIV	SELINSGROVE		22	66
PA	SWARTHMORE COLL	SWARTHMORE		17	0
PA	TEMPLE UNIV	PHILADELPHIA		0	350
PA	THIEL COLL	GREENVILLE		0	3
PA	UNITED WESLEYAN COLL	ALLENTOWN		0	1
PA	URSINUS COLL	COLLEGEVILLE		0	11
PA	WASHINGTN & JEFFERSN COLL	WASHINGTON		6	0
PA	WAYNESBURG COLL	WAYNESBURG		0	2
PA	WEST CHESTER UNIV	WEST CHESTER		20	20
PA	WESTMINSTER COLL	NEW WILMINGTON		9	10
PA	WESTMINSTER THEOL SEM	PHILADELPHIA		15	7
PA	WIDENER UNIV	CHESTER		0	1
PA	WILSON COLL	CHAMBERSBURG		0	2
PA			TOTAL	4,288	5,076
PR	PR CAYEY UNIV COLL, U OF	CAYEY		2	9
PR	PR RIO PIEDRAS, UNIV OF	RIO PIEDRAS		0	8
PR			TOTAL	2	17
RI	BROWN UNIV	PROVIDENCE		154	350
RI	BRYANT COLL	SMITHFIELD		21	35
RI	PROVIDENCE COLL	PROVIDENCE		45	55
RI	RHODE ISLAND SCH DESIGN	PROVIDENCE		10	34
RI	RHODE ISLAND, UNIV OF	KINGSTON		370	0
RI	ROGER WILLIAMS COLL	BRISTOL		87	82
RI			TOTAL	687	556
SC	CHARLESTON, COLL OF	CHARLESTON		0	19
SC	CLEMSON UNIV	CLEMSON		60	40
SC	COKER COLL	HARTSVILLE		0	1
SC	CONVERSE COLL	SPARTANBURG		0	42
SC	ERSKINE COLL	DUE WEST		13	3
SC	FRANCIS MARION COLL	FLORENCE		5	8
SC	FURMAN UNIV	GREENVILLE		98	92
SC	LANDER COLL	GREENWOOD		0	3
SC	PRESBYTERIAN COLL	CLINTON		4	1
SC	SC AT CONWAY, UNIV OF	CONWAY		13	0
SC	SC AT SPARTANBURG, U OF	SPARTANBURG		15	2
SC	SC COLUMBIA CAMPUS, U OF	COLUMBIA		180	259
SC	WINTHROP COLL	ROCK HILL		0	9
SC	WOFFORD COLL	SPARTANBURG		17	0
SC			TOTAL	405	479
SD	SD MAIN CAMPUS, UNIV OF	VERMILLION		0	6
SD	SD STATE UNIV	BROOKINGS		0	10
TN	AUSTIN PEAY STATE UNIV	CLARKSVILLE		25	4
TN	CARSON-NEWMAN COLL	JEFFERSON CITY		19	16
TN	CHRISTIAN BROTHERS UNIV	MEMPHIS		0	13
TN	DAVID LIPSCOMB UNIV	NASHVILLE		8	11
TN	EAST TENN STATE UNIV	JOHNSON CITY		70	97
TN	KING COLL	BRISTOL		46	57
TN	MARYVILLE COLL	MARYVILLE		5	2
TN	MEMPHIS STATE UNIV	MEMPHIS		0	8
TN	MILLIGAN COLL	MILLIGAN COLL		7	14
TN	RHODES COLL	MEMPHIS		11	55
TN	STHN COLL OF S D A	COLLEGEDALE		0	4
TN	TENN CHATTANOOGA, UNIV OF	CHATTANOOGA		12	25
TN	TENN KNOXVILLE, UNIV OF	KNOXVILLE		22	0
TN	TENN MARTIN, UNIV OF	MARTIN		11	28
TN	TENN WESLEYAN COLL	ATHENS		0	8
TN	VANDERBILT UNIV	NASHVILLE		267	200
TN			TOTAL	503	542
TX	ABILENE CHRISTIAN UNIV	ABILENE		0	4
TX	AUSTIN COLL	SHERMAN		35	91
TX	BAYLOR UNIV	WACO		346	239
TX	CONCORDIA LUTHERAN COLL	AUSTIN		0	2
TX	DALLAS, UNIV OF	IRVING		186	171
TX	EL CENTRO COLL	DALLAS		0	73
TX	HARDIN-SIMMONS UNIV	ABILENE		9	34
TX	HOUSTON BAPTIST UNIV	HOUSTON		39	0
TX	LAMAR UNIV-BEAUMONT	BEAUMONT		8	0
TX	LEE COLL	BAYTOWN		0	13
TX	NORTH TEXAS, UNIV OF	DENTON		40	30

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
TX	RICE UNIV	HOUSTON		85	0
TX	RICHLAND COLL	DALLAS		32	42
TX	SCHREINER COLL	KERRVILLE		3	2
TX	SOUTHERN METHODIST UNIV	DALLAS		309	400
TX	SOUTHWEST TEXAS STATE U	SAN MARCOS		58	175
TX	SOUTHWESTERN ADVNTST COLL	KEENE		0	5
TX	ST MARY'S UNIV	SAN ANTONIO		45	4
TX	STEPHEN F AUSTIN STATE U	NACOGDOCHES		3	0
TX	SUL ROSS STATE UNIV	ALPINE		0	1
TX	TEX A&M UNIV MAIN CAMPUS	COLLEGE STATION		402	339
TX	TEX AUSTIN, UNIV OF	AUSTIN		497	406
TX	TEX CHRISTIAN UNIV	FORT WORTH		151	45
TX	TEX EL PASO, UNIV OF	EL PASO		0	9
TX	TEX HLTH SCI CTR HOUSTN,U	HOUSTON		27	10
TX	TEX LUTHERAN COLL	SEGUIN		5	4
TX	TEX TECH UNIV	LUBBOCK		99	75
TX	TEX WOMAN'S UNIV	DENTON		0	13
TX	TRINITY UNIV	SAN ANTONIO		74	116
TX			TOTAL	2,453	2,303
UT	BRIGHAM YOUNG UNIV	PROVO		349	0
UT	SNOW COLL	EPHRAIM		17	0
UT	UTAH, UNIV OF	SALT LAKE CITY		358	378
UT	WEBER STATE UNIV	OGDEN		0	22
UT			TOTAL	724	400
VA	AVERETT COLL	DANVILLE		0	2
VA	BRIDGEWATER COLL	BRIDGEWATER		3	7
VA	CHRISTOPHER NEWPORT COLL	NEWPORT NEWS		0	1
VA	EMORY & HENRY COLL	EMORY		22	2
VA	ESTN MENNONITE COLL & SEM	HARRISONBURG		119	98
VA	FERRUM COLL	FERRUM		0	6
VA	GEORGE MASON UNIV	FAIRFAX		46	29
VA	HAMPDEN-SYDNEY COLL	HAMPDEN-SYDNEY		14	26
VA	HOLLINS COLL	HOLLINS COLLEGE		171	181
VA	JAMES MADISON UNIV	HARRISONBURG		293	179
VA	LONGWOOD COLL	FARMVILLE		20	23
VA	MARY BALDWIN COLL	STAUNTON		0	51
VA	MARYMOUNT UNIV	ARLINGTON		18	0
VA	OLD DOMINION UNIV	NORFOLK		46	27
VA	RADFORD UNIV	RADFORD		11	10
VA	RANDOLPH-MACON COLL	ASHLAND		17	8
VA	RANDOLPH-MACON WOMAN'S C	LYNCHBURG		26	31
VA	RICHMOND, UNIV OF	U OF RICHMOND		0	45
VA	ROANOKE COLL	SALEM		0	67
VA	SOUTHERN SEM COLL	BUENA VISTA		0	8
VA	SWEET BRIAR COLL	SWEET BRIAR		180	51
VA	TIDEWATER CMTY COLL	PORTSMOUTH		0	8
VA	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVILLE		180	307
VA	VIRGINIA MILITARY INST	LEXINGTON		0	21
VA	VIRGINIA POLY INST & ST U	BLACKSBURG		181	100
VA	VIRGINIA WESLEYAN COLL	NORFOLK		3	1
VA	VIRGINIA WSTN CMTY COLL	ROANOKE		0	6
VA	WASHINGTON & LEE UNIV	LEXINGTON		123	76
VA	WILLIAM & MARY, COLL OF	WILLIAMSBURG		251	200
VA			TOTAL	1,724	1,571
VT	BENNINGTON COLL	BENNINGTON		41	30
VT	GODDARD COLL	PLAINFIELD		4	0
VT	INTL TRAINING, SCH FOR	BRATTLEBORO		629	457
VT	JOHNSON STATE COLL	JOHNSON		17	0
VT	MARLBORO COLL	MARLBORO		3	5
VT	NORWICH UNIV BOTH CAMPUS	NORTHFIELD		0	4
VT	SOUTHERN VERMONT COLL	BENNINGTON		8	12
VT	ST JOSEPH IN VT, COLL OF	RUTLAND		0	1
VT	TRINITY COLL	BURLINGTON		5	3
VT	VERMONT, UNIV OF	BURLINGTON		21	300
VT			TOTAL	728	812
WA	CENTRAL WASHINGTON UNIV	ELLENSBURG		50	45
WA	CORNISH COLL OF THE ARTS	SEATTLE		0	1
WA	GONZAGA UNIV	SPOKANE		90	74
WA	GREEN RIVER CMTY COLL	AUBURN		0	3
WA	HIGHLINE CMTY COLL	DES MOINES		0	24
WA	LOWER COLUMBIA COLL	LONGVIEW		0	1
WA	OLYMPIC COLL	BREMERTON		0	83
WA	PACIFIC LUTHERAN UNIV	TACOMA		105	57
WA	PUGET SOUND, UNIV OF	TACOMA		10	82
WA	SEATTLE UNIV	SEATTLE		21	0
WA	SHORELINE CMTY COLL	SEATTLE		26	75
WA	SKAGIT VALLEY COLL	MOUNT VERNON		18	10
WA	SOUTH PUGET SOUND CMTY C	OLYMPIA		0	4
WA	SPOKANE FALLS CMTY COLL	SPOKANE		26	18
WA	WALLA WALLA COLL	COLLEGE PLACE		0	15

STATE	UNIVERSITY NAME	CITY		CURRENT YEAR 89	PREVIOUS YEAR 87
WA	WASHINGTON STATE UNIV	PULLMAN		96	136
WA	WASHINGTON, UNIV OF	SEATTLE		431	300
WA	WESTERN WASHINGTON UNIV	BELLINGHAM		304	226
WA	WHITMAN COLL	WALLA WALLA		34	50
WA	WHITWORTH COLL	SPOKANE		127	115
WA			TOTAL	1,339	1,297
WI	BELOIT COLL	BELOIT		60	36
WI	CARROLL COLL	WAUKESHA		95	138
WI	CONCORDIA UNIV	MEQUON		2	2
WI	EDGEWOOD COLL	MADISON		0	1
WI	LAWRENCE UNIV	APPLETON		122	139
WI	MARQUETTE UNIV	MILWAUKEE		91	153
WI	MEDICAL COLL OF WISCONSIN	MILWAUKEE		0	10
WI	MILWAUKEE AREA TECH COLL	MILWAUKEE		0	10
WI	RIPON COLL	RIPON		41	28
WI	ST NORBERT COLL	DE PERE		50	63
WI	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE		219	198
WI	WISCONSIN LA CROSSE, U OF	LA CROSSE		109	124
WI	WISCONSIN MADISON, U OF	MADISON		359	240
WI	WISCONSIN MILWAUKEE, U OF	MILWAUKEE		177	232
WI	WISCONSIN PLATTEVL, U OF	PLATTEVILLE		372	473
WI	WISCONSIN RIVER FALLS, U	RIVER FALLS		102	0
WI	WISCONSIN STEVNS PNT,U OF	STEVENS POINT		332	252
WI	WISCONSIN STOUT, UNIV OF	MENOMONIE		19	105
WI	WISCONSIN WHITEWATER,U OF	WHITEWATER		84	40
WI			TOTAL	2,234	2,244
WV	ALDERSON BROADDUS COLL	PHILIPPI		0	4
WV	BLUEFIELD STATE COLL	BLUEFIELD		0	3
WV	MARSHALL UNIV	HUNTINGTON		11	0
WV	WEST LIBERTY STATE COLL	WEST LIBERTY		0	5
WV	WEST VA STATE COLL	INSTITUTE		1	2
WV	WEST VA UNIV	MORGANTOWN		257	174
WV	WHEELING JESUIT COLL	WHEELING		3	0
WV			TOTAL	272	188
WY	WYOMING, UNIV OF	LARAMIE		25	28
WY			TOTAL	25	28
			GRAND TOTAL	70,727	62,369

OPEN DOORS DATA

IEDC International Education Data Collection Committee

AACRAO • IIE • NAFSA

October 5, 1990

Dear Colleague:

To meet the strong need for data on study abroad, IIE, on behalf of the International Education Data Collection Committee, reestablished its survey of study abroad students in 1985. Since that time we have conducted two surveys and can begin reporting increases and plotting trends in the numbers of U.S. students who study abroad. The results of the survey appears biennially in *Open Doors*, a publication which is relied upon by policy makers at the institutional and national level for accurate and comprehensive information on international educational exchange.

We are now updating our statistics and would like to ask your assistance once again in obtaining data on the numbers of students from your institution who studied abroad in academic year 1989/90. We are requesting that you complete the enclosed questionnaire and return it to us by **November 16**, 1990. We need data **only on those students who received credit from your institutions for study abroad during the 1989/90 academic year. Please read the instruction on the enclosed form carefully** for details on the specific types of data needed. If you do not have the requested information, please forward the survey form to the appropriate campus official, and return the enclosed "future contact" form so that we will have the correct contact name in the future.

Completed survey forms should be returned to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, New York 10017

We are most grateful for the time and effort you spend in replying to this survey. If you have any questions, please call (212) 984-5348.

Sincerely,

Gerald Bowker
President,
American Association
of Collegiate Registrars
and Admissions Officers

Richard E. Krasno
President,
Institute
of International
Education

Martin Limbird
President,
NAFSA: Association
of International
Educators

IEDC International Education Data Collection Committee AACRAO • IIE • NAFSA

Title/Office
Reporting Official
Institution
City State Zip
Telephone

The above label should be completed by the official who will be providing the Study Abroad Data in the future. It should include the Title/Office, Reporting Official, the institution's name and address, and the reporting official's telephone number.

INSTRUCTIONS

PLEASE READ CAREFULLY BEFORE COMPLETING THE SURVEY FORM

In this form we are asking you to provide information on all those students who are U.S. citizens or permanent residents who have received academic credit **from your institution** for study abroad during the 1989/90 academic year, including intersession and summer of 1990.

- You **should include** only those students who received credit **from your institution**.
  a) those who participated in programs **sponsored by your institution**
  b) those who were **independently enrolled** in foreign colleges and universities **but were given credit from your institution** for study abroad.
- You **should not include** students who participated in study abroad programs sponsored by other U.S. institutions, and who received study abroad credit from those institutions.
- Include only students who are **United States Citizens or permanent residents**.
- **If you can provide only partial information, please do so:** Please provide as much information as you possibly can. But, if you can provide only partial information, especially the total number of students who received credit for studying abroad from your institution, that will be a very valuable contribution. We would also appreciate it if you would make arrangements to have more complete information available in the future.
- **DEADLINE FOR THE RETURN OF THIS FORM IS NOVEMBER 16, 1990.**

Direct any inquiries and return completed forms to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017
Telephone: (212) 984-5348

Thank you very much for your time and effort in providing these very valuable data. Your contribution will greatly enhance our knowledge of international educational exchanges.

1. TOTAL NUMBER OF STUDENTS RECEIVING CREDIT

Total number of students (U.S. citizens or permanent residents) who received academic credit from your institution for studying abroad during the academic year 1989/90, including summer of 1990.

2. TYPE OF STUDY ABROAD

		Number
1	Participation in programs sponsored by your institution	
2	Directly enrolled in foreign institutions (but received credit from your institution)	
3	Other (PLEASE EXPLAIN)	
TOTAL (should equal TOTAL in Q. 1)		

3. DURATION OF STUDY ABROAD

		Number
1	Quarter	
2	Semester	
3	Summer (4-10 weeks, offered only during summer)	
4	Academic Year	
5	Calendar Year	
6	Other	
9	DO NOT KNOW	
TOTAL (should equal TOTAL in Q. 1)		

4. ACADEMIC LEVEL

Academic level of students **while** studying abroad.

		Number
1	ASSOCIATE (both first and second year)	
	BACHELOR'S	
3	Freshman	
4	Sophomore	
5	Junior	
6	Senior	
7	Unknown	
3-7	TOTAL BACHELOR'S	
11	GRADUATE	
99	DO NOT KNOW	
TOTAL (should equal TOTAL in Q. 1)		

5. GENDER

		Number
1	Male	
2	Female	
9	DO NOT KNOW	
TOTAL (should equal TOTAL in Q. 1)		

6. HOST COUNTRIES

		Number
4305	Argentina	
6110	Australia	
3206	Austria	
3210	Belgium	
4315	Brazil	
5120	Canada	
4320	Chile	
2110	China, People's Republic of	
4325	Colombia	
4230	Costa Rica	
3213	Denmark	
1330	Egypt	
3220	Finland	
3223	France	
3226	Germany, Federal Republic of	
3236	Greece	
2130	Hong Kong	
3150	Hungary	
2220	India	
3246	Ireland	
2425	Israel	
3250	Italy	
2140	Japan	
1130	Kenya	
2160	Korea, Republic of	

		Number
4270	Mexico	
3266	Netherlands	
6120	New Zealand	
1560	Nigeria	
3270	Norway	
4355	Peru	
2335	Philippines	
3160	Poland	
3273	Portugal	
2455	Saudi Arabia	
2345	Singapore	
1440	South Africa	
3280	Spain	
2245	Sri Lanka	
3283	Sweden	
3286	Switzerland	
2120	Taiwan	
2350	Thailand	
3180	U.S.S.R.	
3290	United Kingdom	
3190	Yugoslavia	
9500	Other*	
9900	DO NOT KNOW	
TOTAL (should equal TOTAL in Q. 1)		

* Please list additional countries and number of students in each on page 4.

7. MAJOR FIELD OF STUDY

Current major field of study.

		Number
10	Agriculture	
15	Business/Management	
20	Education	
25	Engineering	
30	Fine & Appled Arts	
40	Foreign Languages	
50	Health Sciences	
55	Humanities	

		Number
60	Liberal Arts	
65	Math & Computer Science	
70	Physical & Life Sciences	
75	Social Sciences	
97	Undeclared	
98	Other*	
99	DO NOT KNOW	
TOTAL (should equal TOTAL in Q. 1)		

THANK YOU VERY MUCH FOR PARTICIPATING IN THIS SURVEY

6b. ADDITIONAL HOST COUNTRIES (not listed on page 3)

	Country	Number

	Country	Number

APPENDIX D. CODES

D.1 FIELDS OF STUDY

Major Field-of-Study Categories

AGRICULTURE
01 Agribusiness and Agricultural Production
02 Agricultural Sciences
03 Renewable Natural Resources

ARCHITECTURE AND ENVIRONMENTAL DESIGN
04 Architecture and Environmental Design

AREA AND ETHNIC STUDIES
05 Area and Ethnic Studies

BUSINESS
06 Business and Management
07 Business and Office
08 Business and Distribution

COMMUNICATIONS
09 Communications
10 Communication Technologies

COMPUTER AND INFORMATION SCIENCES
11 Computer and Information Sciences

CONSUMER, PERSONAL & MISCELLANEOUS SERVICES
12 Consumer, Personal and Miscellaneous Services

EDUCATION
13 Education

ENGINEERING
14 Engineering
15 Engineering and Engineering-Related Technologies

FOREIGN LANGUAGES
16 Foreign Languages

HEALTH
17 Allied Health
18 Health Science

HOME ECONOMICS
19 Home Economics
20 Vocational Home Economics

INDUSTRIAL ARTS
21 Industrial Arts

LAW
22 Law

LETTERS
23 Letters

LIBERAL/GENERAL STUDIES
24 Liberal/General Studies

LIBRARY AND ARCHIVAL SCIENCES
25 Library and Archival Sciences

LIFE SCIENCES
26 Life Sciences

MATHEMATICS
27 Mathematics

MILITARY SCIENCES
28 Military Sciences
29 Military Technologies

MULTI/INTERDISCIPLINARY STUDIES
30 Multi/Interdisciplinary Studies

PARKS AND RECREATION
31 Parks and Recreation

PERSONAL AND SOCIAL DEVELOPMENT
32 Basic Skills
33 Citizenship/Civic Activities
34 Health-Related Activities
35 Interpersonal Skills
36 Leisure and Recreational Activities
37 Personal Awareness

PHILOSOPHY, RELIGION AND THEOLOGY
38 Philosophy, Religion
39 Theology

PHYSICAL SCIENCES
40 Physical Sciences
41 Science Technology

PSYCHOLOGY
42 Psychology

PUBLIC AFFAIRS AND PROTECTIVE SERVICES
43 Protective Services
44 Public Affairs

SOCIAL SCIENCES
45 Social Sciences

TRADE AND INDUSTRIAL
46 Construction Trades
47 Mechanics and Repairers
48 Precision Production
49 Transportation and Material Moving

VISUAL AND PERFORMING ARTS
50 Visual and Performing Arts

INTENSIVE ENGLISH LANGUAGE
60 Intensive English Language

UNDECLARED
90 Undeclared

DETAILED FIELD-OF-STUDY CATEGORIES

A classification of instructional programs produced by the National Center for Education Statistics

CODE	FIELD OF STUDY
01.0000	**AGRIBUSINESS AND AGRICULTURAL PRODUCTION**
01.0101	Agricultural business and management, general
01.0102	Agricultural business
01.0103	Agricultural economics
01.0104	Farm and ranch management
01.0199	Agricultural business and management, other
01.0201	Agricultural mechanics, general
01.0202	Agricultural electrification, power, and controls
01.0203	Agricultural mechanics, construction, and maintenance skills
01.0204	Agricultural power machinery
01.0205	Agricultural structures, equipment, and facilities
01.0206	Soil and water mechanical practices
01.0299	Agricultural mechanics, other
01.0301	Agricultural production, general
01.0302	Animal production
01.0303	Aquaculture
01.0304	Crop production
01.0305	Game farm management
01.0399	Agricultural production, other
01.0401	Agricultural products and processing, general
01.0402	Food products
01.0403	Nonfood products
01.0499	Agricultural products and processing, other
01.0501	Agricultural services and supplies, general
01.0502	Agricultural services
01.0503	Agricultural supplies marketing
01.0504	Pet grooming
01.0505	Animal training
01.0506	Horseshoeing
01.0507	Horse Handling and Care
01.0599	Agricultural services and supplies, other
01.0601	Horticulture, general
01.0602	Arboriculture
01.0603	Ornamental Horticulture
01.0604	Greenhouse operation and management
01.0605	Landscaping
01.0606	Nursery operation and management
01.0607	Turf management
01.0699	Horticulture, other
01.0701	International agriculture
01.9999	Agribusiness and agricultural production, other
02.0000	**AGRICULTURAL SCIENCES**
02.0101	Agricultural sciences, general
02.0201	Animal sciences, general
02.0202	Animal breeding and genetics
02.0203	Animal health
02.0204	Animal nutrition
02.0205	Animal physiology
02.0206	Dairy
02.0207	Fisheries science
02.0208	Livestock
02.0209	Poultry
02.0299	Animal sciences, other
02.0301	Food sciences
02.0302	Dairy processing
02.0303	Food distribution
02.0304	Food engineering
02.0305	Food packaging
02.0306	Food technology
02.0399	Food sciences, other
02.0401	Plant sciences, general
02.0402	Agronomy
02.0403	Horticulture science
02.0404	Ornamental horticulture
02.0405	Plant breeding and genetics
02.0406	Plant pathology (applied)
02.0407	Plant physiology
02.0408	Plant protection (pest management)
02.0409	Range management
02.0410	Turf management science
02.0499	Plant sciences, other
02.0501	Soil sciences
02.0502	Soil chemistry
02.0503	Soil conservation
02.0504	Soil management and fertility
02.0505	Soil microbiology
02.0506	Soil physics
02.0599	Soil sciences, other
02.9999	Agricultural sciences, other
03.0000	**RENEWABLE NATURAL RESOURCES**
03.0101	Renewable natural resources, general
03.0201	Conservation and regulation, general
03.0202	Conservation
03.0203	Resources protection and regulation
03.0299	Conservation and regulation, other
03.0301	Fishing and fisheries
03.0302	Fisheries
03.0399	Fishing and fisheries, other
03.0401	Forestry production and processing, general
03.0402	Forest production
03.0403	Forest products utilization
03.0404	Forest products processing technology
03.0405	Logging
03.0406	Pulp and paper production
03.0499	Forestry production and processing, other
03.0501	Forestry and related sciences, general
03.0502	Forestry science
03.0503	Forest biology
03.0504	Forest engineering
03.0505	Forest hydrology
03.0506	Forest management
03.0507	Forest mensuration
03.0508	Urban forestry
03.0509	Wood science
03.0599	Forestry and related sciences, other
03.0601	Wildlife management
03.9999	Renewable natural resources, other
04.0000	**ARCHITECTURE AND ENVIRONMENTAL DESIGN**
04.0101	Architecture and environmental design, general
04.0201	Architecture
04.0301	City, community, and regional planning
04.0401	Environmental design
04.0501	Interior design
04.0601	Landscape architecture
04.0701	Urban design
04.0801	Land Use Management and Reclamation
04.9999	Architecture and environmental design, other
05.0000	**AREA AND ETHNIC STUDIES**
05.0101	African studies
05.0102	American studies
05.0103	Asian studies, general
05.0104	East Asian studies
05.0105	Eastern European studies
05.0106	European studies, general
05.0107	Latin American studies
05.0108	Middle Eastern studies
05.0109	Pacific area studies
05.0110	Russian and Slavic studies
05.0111	Scandinavian studies
05.0112	South Asian studies
05.0113	Southeast Asian studies
05.0114	Western European studies
05.0115	Canadian Studies
05.0199	Area Studies, other
05.0201	Afro-American (black) studies
05.0202	American Indian studies
05.0203	Hispanic-American studies
05.0204	Islamic studies
05.0205	Jewish studies
05.0299	Ethnic studies, other
05.9999	Area and ethnic studies, other
06.0000	**BUSINESS AND MANAGEMENT**
06.0101	Business and management, general
06.0201	Accounting

06.0301 Banking and finance
06.0401 Business administration and management, general
06.0402 Contract management and procurement/purchasing
06.0403 Product management
06.0404 Systems efficiency analysis
06.0499 Business administration and management, other
06.0501 Business economics
06.0601 Human resources development
06.0701 Hotel/motel management
06.0702 Recreational enterprises management
06.0703 Resort management
06.0704 Restaurant management
06.0705 Transportation management
06.0799 Institutional management, other
06.0801 Insurance and risk management
06.0901 International business management
06.1001 Investments and securities
06.1101 Labor/industrial relations
06.1201 Management information systems
06.1301 Business statistics
06.1302 Operations research (quantitative methods)
06.1303 Management Science, General
06.1399 Management science, other
06.1401 Marketing management
06.1402 Marketing research
06.1499 Marketing management and research, other
06.1501 Organizational behavior
06.1601 Personnel management
06.1701 Real estate
06.1702 Commercial property
06.1703 Property management
06.1704 Real estate appraisal
06.1705 Real estate finance
06.1706 Real estate law
06.1707 Residential property
06.1799 Real estate, other
06.1801 Small business management and Ownership
06.1802 Small business ownership
06.1899 Small business management and ownership, other
06.1901 Taxation
06.2001 Trade and industrial supervision and management
06.2101 Computer Installation Management
06.9999 Business and management, other

07.0000 BUSINESS (ADMINISTRATIVE SUPPORT)
07.0101 Accounting, bookkeeping, and related programs, general
07.0102 Accounting and computing
07.0103 Bookkeeping
07.0104 Machine billing, bookkeeping, and computing
07.0199 Accounting, bookkeeping, and related programs, other
07.0201 Banking and related financial programs, general
07.0202 Credit collection clerk
07.0203 Insurance clerk
07.0204 Loan clerk
07.0205 Teller
07.0206 Transit clerk
07.0299 Banking and related financial programs, other
07.0300 Business data processing and related programs
07.0301 Business data processing and related programs, general
07.0302 Business computer and console operation
07.0303 Business data entry equipment operation
07.0304 Business data peripheral equipment operation
07.0305 Business data programming
07.0306 Business systems analysis
07.0399 Business data processing and related programs, other
07.0401 Office supervision and management
07.0501 Personnel and training programs, general
07.0502 Training assisting
07.0503 Personnel assisting
07.0599 Personnel and training programs, other
07.0601 Secretarial and related programs, general
07.0602 Court reporting
07.0603 Executive secretarial
07.0604 Legal secretarial
07.0605 Medical secretarial
07.0606 Secretarial
07.0607 Stenographic
07.0699 Secretarial and related programs, other
07.0701 Typing, general office, and related programs, general
07.0702 Clerk-typist
07.0703 Correspondence clerk
07.0704 Duplicating machine operation
07.0705 General office clerk
07.0706 Mail and order clerk
07.0707 Receptionist and communication systems operation
07.0708 Shipping, receiving, and stock clerk
07.0709 Traffic, rate, and transportation clerk
07.0710 Typing
07.0799 Typing, general office, and related programs, other
07.0801 Word Processing
07.9999 Business (Administrative Support), other

08.0000 MARKETING AND DISTRIBUTION
08.0101 Apparel and accessories marketing, general
08.0102 Fashion merchandising
08.0103 Fashion modeling
08.0104 Footwear marketing
08.0105 Jewelry marketing
08.0199 Apparel and accessories marketing, other
08.0201 Business and personal services marketing, other
08.0202 Display
08.0203 Marketing of business or personal services
08.0299 Business and personal services marketing, other
08.0301 Entrepreneurship
08.0401 Financial services marketing
08.0402 Banking marketing
08.0403 Credit marketing
08.0404 Credit union marketing
08.0405 Savings and loan marketing
08.0406 Securities and commodities marketing
08.0499 Financial services marketing, other
08.0501 Floristry, farm, and garden supplies marketing, general
08.0502 Farm and garden supplies marketing
08.0503 Floristry
08.0599 Floristry, farm, and garden supplies marketing, other
08.0601 Food marketing, general
08.0602 Convenience store marketing
08.0603 Specialty foods marketing
08.0604 Supermarket marketing
08.0605 Wholesale food marketing
08.0699 Food marketing, other
08.0701 Auctioneering
08.0702 Industrial sales
08.0703 International marketing
08.0704 Purchasing
08.0705 Retailing
08.0706 Sales
08.0707 Wholesaling
08.0708 Marketing, General
08.0799 General marketing, other
08.0801 Home and office products marketing, general
08.0802 Appliance marketing
08.0803 Building materials marketing
08.0804 Floor coverings, draperies, and upholstery marketing
08.0805 Furniture marketing
08.0806 Hardware marketing
08.0807 Office products and equipment marketing
08.0808 Speciality home furnishing marketing
08.0899 Home and office products marketing, other
08.0901 Hospitality and recreation marketing, general
08.0902 Marketing of hotel/motel services
08.0903 Marketing of recreational services
08.0904 Recreational products marketing
08.0905 Waiter/waitress and related services
08.0999 Hospitality and recreation marketing, other
08.1001 Insurance marketing
08.1002 Accident and health insurance marketing
08.1003 Life insurance marketing
08.1004 Property and casualty insurance marketing
08.1099 Insurance marketing, other
08.1101 Transportation and travel marketing, general
08.1102 Transportation marketing
08.1103 Passenger transportation marketing
08.1104 Tourism
08.1105 Travel services marketing
08.1106 Warehouse services marketing
08.1199 Transportation and travel marketing, other
08.1201 Vehicles and petroleum marketing, general
08.1202 Agricultural implements and machinery marketing
08.1203 Automotive vehicles and accessories marketing
08.1204 Petroleum wholesaling
08.1205 Recreational vehicles and accessories marketing
08.1206 Service station retailing
08.1207 Vehicle rental and leasing
08.1299 Vehicles and petroleum marketing, other
08.9999 Marketing and distribution, other

09.0000 COMMUNICATIONS
09.0101 Communications, general
09.0201 Advertising
09.0301 Communications research
09.0401 Journalism (mass communications)
09.0501 Public relations

09.0601 Radio/television news broadcasting
09.0701 Radio/television, general
09.0801 Telecommunications
09.9999 Communications, other

10.0000 COMMUNICATION TECHNOLOGIES
10.0101 Educational media technology
10.0102 Motion picture technology
10.0103 Photographic technology
10.0104 Radio and television production and broadcasting technology
10.0105 Sound Recording Technology
10.0106 Video Technology
10.0199 Communication technologies, other

11.0000 COMPUTER AND INFORMATION SCIENCES
11.0101 Computer and information sciences, general
11.0201 Computer programming
11.0301 Data processing
11.0401 Information sciences and systems
11.0501 Systems analysis
11.0601 Microcomputer Applications
11.9999 Computer and information sciences, other

12.0000 CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES
12.0101 Drycleaning and laundering services
12.0102 Drycleaning
12.0103 Laundering
12.0199 Drycleaning and laundering services, other
12.0201 Entertainment services, general
12.0202 Bartending
12.0203 Card dealing
12.0204 Umpiring
12.0299 Entertainment services, other
12.0301 Funeral services
12.0401 Personal services, general
12.0402 Barbering/Hairstyling
12.0403 Cosmetology
12.0404 Electrolysis
12.0405 Massage
12.0406 Make-up Artistry
12.0499 Personal services, other
12.9999 Consumer, personal, and miscellaneous services, other

13.0000 EDUCATION
13.0101 Education, general
13.0201 Bilingual/Crosscultural Education
13.0202 Bilingual Education Assisting
13.0299 Bilingual/Crosscultural Education, other
13.0301 Curriculum and instruction
13.0401 Education administration, general
13.0402 Administration of special education
13.0403 Adult and continuing education administration
13.0404 Educational supervision
13.0405 Elementary and secondary education administration
13.0406 Higher education administration
13.0407 Community college education administration
13.0499 Education administration, other
13.0501 Educational media
13.0601 Evaluation and research, general
13.0602 Adult and continuing education research
13.0603 Educational statistics and research
13.0604 Educational testing, evaluation, and measurement
13.0605 Elementary and secondary research
13.0606 Higher education research
13.0699 Evaluation and research, other
13.0701 International and comparative education
13.0801 School psychology
13.0901 Social foundations
13.1001 Special education, general
13.1002 Education of the culturally disadvantaged
13.1003 Education of the deaf and hearing impaired
13.1004 Education of the gifted and talented
13.1005 Education of the emotionally handicapped
13.1006 Education of the mentally handicapped
13.1007 Education of the multiple handicapped
13.1008 Education of the physically handicapped
13.1009 Education of the visually handicapped
13.1010 Remedial education
13.1011 Specific learning disabilities
13.1012 Speech correction
13.1099 Special education, other
13.1101 Student counseling and personnel services
13.1201 Adult and continuing education
13.1202 Elementary education
13.1203 Junior high/Middle School education
13.1204 Pre-elementary education
13.1205 Secondary education
13.1299 Teacher education, general programs, other
13.1301 Agricultural education
13.1302 Art education
13.1303 Business education
13.1304 Driver and safety education
13.1305 English education
13.1306 Foreign languages education
13.1307 Health education
13.1308 Home economics education
13.1309 Industrial arts education
13.1310 Marketing and distributive education
13.1311 Mathematics education
13.1312 Music education
13.1313 Nutritional education
13.1314 Physical education
13.1315 Reading education
13.1316 Science education
13.1317 Social science education
13.1318 Social studies education
13.1319 Technical education
13.1320 Trade and industrial education
13.1321 Computer Education
13.1399 Teacher education, specific subject areas, other
13.1401 Teaching English as a second language/foreign language
13.1501 Teacher Assisting
13.9999 Education, other

14.0000 ENGINEERING
14.0101 Engineering, general
14.0201 Aerospace, aeronautical, and astronautical engineering
14.0301 Agricultural engineering
14.0401 Architectural engineering
14.0501 Bioengineering and biomedical engineering
14.0601 Ceramic engineering
14.0701 Chemical engineering
14.0801 Civil engineering
14.0901 Computer engineering
14.1001 Electrical, electronics, and communications engineering
14.1002 Microelectronic engineering
14.1101 Engineering mechanics
14.1201 Engineering physics
14.1301 Engineering science
14.1401 Environmental health engineering
14.1501 Geological engineering
14.1601 Geophysical engineering
14.1701 Industrial engineering
14.1801 Materials engineering
14.1901 Mechanical engineering
14.2001 Metallurgical engineering
14.2101 Mining and mineral engineering
14.2201 Naval architecture and marine engineering
14.2301 Nuclear engineering
14.2401 Ocean engineering
14.2501 Petroleum engineering
14.2601 Surveying and mapping sciences
14.2602 Cartography
14.2701 Systems engineering
14.2801 Textile engineering
14.9999 Engineering, other

15.0000 ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES
15.0101 Architectural design and construction technology
15.0102 Architectural interior design technology
15.0199 Architectural technologies, other
15.0201 Civil technology
15.0202 Drafting and design technology
15.0203 Surveying and mapping technology
15.0204 Urban planning technology
15.0299 Civil technologies, other
15.0301 Computer technology
15.0302 Electrical technology
15.0303 Electronic technology
15.0304 Laser electro-optic technology
15.0399 Electrical and electronic technologies, other
15.0401 Biomedical equipment technology
15.0402 Computer servicing technology
15.0403 Electromechanical technology
15.0404 Instrumentation technology
15.0405 Robotics technology
15.0499 Electromechanical instrumentation and maintenance technologies, other
15.0501 Air conditioning, heating, and refrigeration technology
15.0502 Air pollution control technology
15.0503 Energy conservation and use technology
15.0504 Sanitation technology
15.0505 Solar heating and cooling technology
15.0506 Water and wastewater technology
15.0599 Environmental control technologies, other

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15.0601 Chemical manufacturing technology
15.0602 Food processing technology
15.0603 Industrial technology
15.0604 Manufacturing technology
15.0605 Marine products technology
15.0606 Optical technology
15.0607 Plastic technology
15.0608 Safety technology
15.0609 Textile technology
15.0610 Welding technology
15.0699 Industrial production technologies, other
15.0701 Occupational safety and health technologies, other
15.0702 Quality control technology
15.0799 Quality control and safety technologies, other
15.0801 Aeronautical technology
15.0802 Agricultural equipment technology
15.0803 Automotive technology
15.0804 Marine propulsion technology
15.0805 Mechanical design technology
15.0899 Mechanical and related technologies, other
15.0901 Coal mining technology
15.0902 Mining (excluding coal) technology
15.0903 Petroleum technology
15.0999 Mining and petroleum technologies, other
15.1001 Construction Technology
15.9999 Engineering and engineering-related technologies, other

16.0000 FOREIGN LANGUAGES
16.0101 Foreign languages, multiple emphasis
16.0201 African (non-semitic) languages
16.0301 Chinese
16.0302 Japanese
16.0303 Korean
16.0399 Asiatic languages, other
16.0401 Baltic languages
16.0402 Russian
16.0403 Slavic languages, (other than Russian)
16.0499 Balto-Slavic Languages, other
16.0501 German
16.0502 Scandinavian languages
16.0503 Yiddish
16.0599 Germanic languages, other
16.0601 Greek (classical)
16.0602 Greek (modern)
16.0701 Hindi
16.0702 Sanskrit
16.0703 Indic Languages
16.0799 Indic languages, other
16.0801 Iranian languages
16.0901 French
16.0902 Italian
16.0903 Latin
16.0904 Portuguese
16.0905 Spanish
16.0999 Italic languages, other
16.1001 Native American languages
16.1101 Arabic
16.1102 Hebrew
16.1199 Semitic languages, other
16.9999 Foreign languages, other

17.0000 ALLIED HEALTH
17.0101 Dental assisting
17.0102 Dental hygiene
17.0103 Dental laboratory technology
17.0199 Dental services, other
17.0201 Cardiovascular technology
17.0202 Dialysis technology
17.0203 Electrocardiographic technology
17.0204 Electroencephalogram technology
17.0205 Emergency medical technology — ambulance
17.0206 Emergency medical technology — paramedic
17.0207 Medical radiation dosimetry
17.0208 Nuclear medical technology
17.0209 Radiologic (Medical) Technology
17.0210 Respiratory therapy technology
17.0211 Surgical technology
17.0212 Diagnostic Medical Sonography
17.0299 Diagnostic and treatment services, other
17.0301 Blood bank technology
17.0302 Chemistry technology
17.0303 Clinical animal technology
17.0304 Clinical laboratory aide
17.0305 Clinical laboratory assisting
17.0306 Cytotechnology
17.0307 Hematology technology
17.0308 Histologic technology
17.0309 Medical laboratory technology
17.0310 Medical technology
17.0311 Microbiology technology
17.0399 Medical laboratory technologies, other
17.0401 Alcohol/drug abuse specialty
17.0402 Community health work
17.0403 Genetic counseling
17.0404 Home health aide
17.0405 Mental health/human services assisting
17.0406 Mental health/human services technology
17.0407 Rehabilitation counseling
17.0408 Therapeutic child care work
17.0409 Population and Family Planning
17.0410 Sign Language Interpreting
17.0499 Mental health/human services, other
17.0501 Animal technology
17.0502 Central supply technology
17.0503 Medical assisting
17.0504 Medical illustrating
17.0505 Medical office management
17.0506 Medical records technology
17.0507 Pharmacy assisting
17.0508 Physician assisting
17.0509 Physician assisting — specialty
17.0510 Podiatric assisting
17.0511 Veterinarian aide
17.0512 Veterinarian assisting
17.0513 Health Unit Coordinating
17.0514 Chiropractic Assisting
17.0599 Miscellaneous allied health services, other
17.0601 Geriatric aide
17.0602 Nursing assisting
17.0603 Obstetrical technology
17.0604 Pediatric aide
17.0605 Practical nursing
17.0606 Health Unit management
17.0699 Nursing-related services, other
17.0701 Ophthalmic dispensing
17.0702 Ophthalmic laboratory technology
17.0703 Ophthalmic medical assisting
17.0704 Optometric assisting
17.0705 Optometric technology
17.0706 Orthoptics
17.0799 Ophthalmic services, other
17.0801 Art therapy
17.0802 Corrective therapy
17.0803 Dance therapy
17.0804 Exercise physiology
17.0805 Manual arts therapy
17.0806 Music therapy
17.0807 Occupational therapy
17.0808 Occupational therapy assisting
17.0809 Occupational therapy aide
17.0810 Orthotic/prosthetic assisting
17.0811 Orthotics/prosthetics
17.0812 Orthopedic assisting
17.0813 Physical therapy
17.0814 Physical therapy aide
17.0815 Physical therapy assisting
17.0816 Recreational therapy
17.0817 Recreational therapy assisting
17.0818 Respiratory therapy
17.0819 Respiratory therapy assisting
17.0820 Speech/hearing therapy aide
17.0821 Speech-language pathology/audiology
17.0822 Recreational Therapy Aide
17.0899 Rehabilitation services, other
17.0999 Allied health, other

18.0000 HEALTH SCIENCES
18.0101 Audiology
18.0102 Speech pathology
18.0103 Speech -Language Pathology/Audiology
18.0199 Audiology and speech pathology, other
18.0201 Clinical anatomy
18.0202 Clinical biochemistry
18.0203 Clinical microbiology
18.0204 Clinical pathology
18.0205 Clinical Physiology
18.0206 Toxicology (Clinical)
18.0299 Basic clinical health sciences, other
18.0301 Chiropractic
18.0401 Dentistry, general
18.0402 Dental public health
18.0403 Endodontics

18.0404 Oral/maxial facial surgery
18.0405 Oral pathology
18.0406 Orthodontics
18.0407 Pedodontics
18.0408 Periodontics
18.0409 Prosthodontics
18.0499 Dentistry, other
18.0501 Emergency/disaster science
18.0701 Health Services administration
18.0702 Health care planning
18.0703 Medical records administration
18.0799 Health Services administration, other
18.0901 Medical laboratory
18.1001 Medicine, general
18.1002 Allergies and endomology
18.1003 Anesthesiology
18.1004 Colon and rectal surgery
18.1005 Dermatology
18.1006 Emergency medicine
18.1007 Family practice
18.1008 Geriatrics
18.1009 Immunology
18.1010 Internal medicine
18.1011 Neurological surgery
18.1012 Nuclear medicine
18.1013 Obstetrics and gynecology
18.1014 Ophthalmology
18.1015 Orthodontic surgery
18.1016 Orthopedic
18.1017 Otorhinolarngology otolaryngology
18.1018 Pathology
18.1019 Pediatrics
18.1020 Physical medicine and rehabilitation
18.1021 Plastic surgery
18.1022 Preventive medicine
18.1023 Psychiatry
18.1024 Neurology
18.1025 Radiology
18.1026 Surgery
18.1027 Thoracic surgery
18.1028 Urology
18.1029 Hematology
18.1030 Sports Medicine
18.1099 Medicine, other
18.1101 Nursing, general
18.1102 Anesthetist
18.1103 Maternal child health
18.1104 Medical surgical
18.1105 Nursing administration
18.1106 Psychiatric mental health
18.1107 Public health
18.1199 Nursing, other
18.1201 Optometry
18.1301 Osteopathic medicine
18.1401 Pharmacy
18.1501 Podiatry
18.1701 Pre-dentistry
18.1801 Pre-medicine
18.1901 Pre-pharmacy
18.2001 Pre-veterinary
18.2101 Prosectorial science
18.2201 Public health laboratory science
18.2202 Epidemiology
18.2203 Public Health Education
18.2204 Public Health Practice and Management
18.2299 Public Health, Other
18.2401 Veterinary medicine
18.2501 Public health (general)
18.9999 Health sciences, other

19.0000 HOME ECONOMICS
19.0101 Home economics, general
19.0201 Business home economics
19.0301 Family and community services
19.0302 Nonformal education (extension, adult/extended)
19.0303 Family services
19.0399 Family and community services, other
19.0401 Family/consumer resource management, general
19.0402 Consumer Science
19.0403 Family economics
19.0499 Family/consumer resource management, other
19.0501 Food sciences and human nutrition, general
19.0502 Food/food sciences
19.0503 Dietetics/human nutritional services
19.0504 Human nutrition
19.0599 Food sciences and human nutrition, other
19.0601 Human environment and housing, general
19.0602 Household equipment
19.0603 Housing
19.0699 Human environment and housing, other
19.0701 Individual and family development, general
19.0702 Adult development
19.0703 Family counseling
19.0704 Family relations
19.0705 Gerontological services
19.0799 Individual and family development, other
19.0801 International/comparative home economics
19.0901 Textiles and clothing, general
19.0902 Fashion design
19.0903 Textiles and clothing, retail
19.0904 Textile science
19.0999 Textiles and clothing, other
19.9999 Home economics, other

20.0000 VOCATIONAL HOME ECONOMICS
20.0101 Comprehensive Consumer and Homemaking Education
20.0102 Child development, care, and guidance
20.0103 Clothing and textiles
20.0104 Consumer education
20.0105 Exploratory homemaking
20.0106 Family/individual health
20.0107 Family living and parenthood
20.0108 Food and nutrition
20.0109 Home management
20.0110 Housing, home furnishing, and equipment
20.0199 Consumer and Homemaking Education, other
20.0201 Child care and guidance management and services, general
20.0202 Child care aide/assisting
20.0203 Child care management
20.0204 Foster care/family care
20.0205 Teacher aide
20.0299 Child care and guidance management and services, other
20.0301 Clothing, apparel, textiles management, production, and services, general
20.0302 Clothing maintenance aide
20.0303 Commercial garment and apparel construction
20.0304 Custom apparel/garment seamstress
20.0305 Custom tailoring and alteration
20.0306 Fashion/fabric coordination
20.0307 Textiles testing
20.0308 Wedding/specialty consulting
20.0399 Clothing, apparel, textiles management, production, and services, other
20.0401 Food production, management and services, general
20.0402 Baking
20.0403 Chef/cook
20.0404 Dietetic aide/assisting
20.0405 Food catering
20.0406 Food service
20.0407 Food testing
20.0408 School food service
20.0499 Food production, management, and services, other
20.0501 Home furnishing and equipment management, production, and services, general
20.0502 Custom drapery and window treatment design/making
20.0503 Custom slipcovering and upholstering
20.0504 Floral design
20.0505 Home decorating
20.0506 Home furnishings aide
20.0507 Home-service assisting
20.0599 Home furnishings and equipment management, production, and services, other
20.0601 Institutional, home management, and supporting programs, general
20.0602 Companion to the aged
20.0603 Consumer aide/assisting
20.0604 Custodial services
20.0605 Executive housekeeping
20.0606 Homemaker's aide
20.0607 Therapeutic recreation aide
20.0699 Institutional, home management, and supporting services, other
20.9999 Vocational home economics, other

21.0000 INDUSTRIAL ARTS
21.0101 Industrial arts, general
21.0102 Construction
21.0103 Drafting and design
21.0104 Electricity/electronics
21.0105 Energy, power, and transportation
21.0106 Graphic arts
21.0107 Manufacturing/materials processing
21.0199 Industrial arts, other

22.0000 LAW
22.0101 Law
22.0102 Pre-law
22.0103 Legal assisting

22.0199 Law, other

23.0000 LETTERS
23.0101 English, general
23.0201 Classics
23.0301 Comparative literature
23.0401 Composition
23.0501 Creative writing
23.0601 Linguistics (includes phonetics, semantics, and philology)
23.0701 Literature, American
23.0801 Literature, English
23.0901 Rhetoric
23.1001 Speech, debate and forensics
23.1101 Technical and business writing
23.9999 Letters, other

24.0101 LIBERAL ARTS ANC SCIENCES
24.0102 General Studies
24.0199 Liberal/General Studies, Other

25.0000 LIBRARY AND ARCHIVAL SCIENCES
25.0101 Library and archival sciences, general
25.0201 Archival science
25.0301 Library assisting
25.0401 Library science
25.0501 Museology
25.9999 Library and archival sciences, other

26.0000 LIFE SCIENCES
26.0101 Biology, general
26.0201 Biochemistry and biophysics
26.0301 Botany, general
26.0302 Bacteriology
26.0303 Mycology
26.0304 Plant genetics
26.0305 Plant pathology
26.0306 Plant pharmacology
26.0307 Plant physiology
26.0399 Botany, other
26.0401 Cell biology
26.0402 Molecular biology
26.0499 Cell and molecular biology, other
26.0501 Microbiology
26.0601 Anatomy
26.0602 Biometrics and biostatistics
26.0603 Ecology
26.0604 Embryology
26.0605 Endocrinology
26.0606 Histology
26.0607 Marine biology
26.0608 Neurosciences
26.0609 Nutritional sciences
26.0610 Parasitology
26.0611 Radiobiology
26.0612 Toxicology
26.0699 Miscellaneous specialized areas, life sciences, other
26.0701 Zoology, general
26.0702 Entomology
26.0703 Genetics, human and animal
26.0704 Pathology, human and animal
26.0705 Pharmacology, human and animal
26.0706 Physiology, human and animal
26.0799 Zoology, other
26.9999 Life sciences, other

27.0000 MATHEMATICS
27.0101 Mathematics, general
27.0201 Actuarial sciences
27.0301 Applied mathematics
27.0401 Pure mathematics
27.0501 Statistics
27.9999 Mathematics, other

28.0000 MILITARY SCIENCES
28.0101 Aerospace science (Air Force)
28.0201 Coast Guard science
28.0301 Military science (Army)
28.0401 Naval science (Navy, Marines)
28.0501 Maritime Science (Merchant Marine)
28.9999 Military sciences, other

29.0101 MILITARY TECHNOLOGIES
29.9999 Military technologies, other

30.0000 MULTI/INTERDISCIPLINARY STUDIES
30.0101 Biological and physical sciences
30.0201 Clinical pastoral care
30.0301 Engineering and other disciplines
30.0401 Humanities and social sciences
30.0501 Peace studies
30.0601 Systems science
30.0701 Women's studies
30.0801 Mathematics and Computer Science
30.0901 Imaging Science
30.9999 Multi/interdisciplinary studies, other

31.0000 PARKS AND RECREATION
31.0101 Parks and recreation, general
31.0201 Outdoor recreation
31.0301 Parks and recreation management
31.0401 Water resources
31.9999 Parks and recreation, other

32.0000 BASIC SKILLS
32.0101 Basic skills, general
32.0102 Academic and intellectual skills
32.0103 Communication skills
32.0104 Computational skills
32.0105 Job-seeking/changing skills
32.0106 Motor skills
32.0107 Career Exploration
32.0199 Basic skills, other

33.0000 CITIZENSHIP/CIVIC ACTIVITIES
33.0101 Citizenship/civic activities, general
33.0102 American citizenship
33.0103 Civic appreciation
33.0104 Civic participation

34.0000 HEALTH-RELATED ACTIVITIES
34.0101 Health-related activities, general
34.0102 Birth-related health practices
34.0103 Health enhancement practices
34.0104 Health treatment/prevention practices
34.0199 Health-related activities, other

35.0000 INTERPERSONAL SKILLS
35.0101 Interpersonal skills, general
35.0102 Building human relationships
35.0103 Perception of others
35.0104 Special role engineering
35.0199 Interpersonal skills, other

36.0000 LEISURE AND RECREATIONAL ACTIVITIES
36.0101 Leisure and recreational activities, general
36.0102 Crafts (leisure and recreational)
36.0103 Games
36.0104 Hobbies
36.0105 Housing/home maintenance
36.0106 Nature appreciation
36.0107 Pet care
36.0108 Sports/physical education
36.0109 Travel
36.0199 Leisure and recreational activities, other

37.0000 PERSONAL AWARENESS
37.0101 Personal awareness, general
37.0102 Coping skills
37.0103 Personal decision making
37.0104 Self-perception
37.0105 Values, attitudes, and beliefs
37.0199 Personal awareness, other

38.0000 PHILOSOPHY AND RELIGION
38.0101 Philosophy
38.0201 Religion
38.9999 Philosophy and religion, other

39.0000 THEOLOGY
39.0101 Biblical languages
39.0201 Bible studies
39.0301 Missionary studies
39.0401 Religious education
39.0501 Religious music
39.0601 Theological studies
39.9999 Theology, other

40.0000 PHYSICAL SCIENCES
40.0101 Physical sciences, general
40.0201 Astronomy
40.0301 Astrophysics
40.0401 Atmospheric sciences and meterology

40.0501 Chemistry, general
40.0502 Analytical chemistry
40.0503 Inorganic chemistry
40.0504 Organic chemistry
40.0505 Pharmaceutical chemistry
40.0506 Physical chemistry
40.0599 Chemistry, other
40.0601 Geology
40.0602 Geochemistry
40.0603 Geophysics and seismology
40.0604 Paleontology
40.0699 Geological sciences, other
40.0701 Metallurgy
40.0702 Oceanography
40.0703 Earth science
40.0799 Miscellaneous physical sciences, other
40.0801 Physics, general
40.0802 Atomic/molecular physics
40.0803 Electron physics
40.0804 Elementary particle physics
40.0805 Fluids and plasmas
40.0806 Nuclear physics
40.0807 Optics
40.0808 Solid state physics
40.0899 Physics, other
40.0901 Planetary science
40.0999 Physical sciences, other

41.0000 SCIENCE TECHNOLOGIES
41.0101 Biological laboratory technology
41.0102 Oceanographic (biological) technology
41.0199 Biological technologies, other
41.0201 Nuclear materials handling technology
41.0202 Nuclear power plant operation technology
41.0203 Nuclear power plant radiation control technology
41.0204 Radiologic (physical) technology
41.0299 Nuclear technologies, other
41.0301 Chemical technology
41.0302 Geological technology
41.0303 Metallurgical technology
41.0304 Meteorological technology
41.0305 Oceanographic (physical) technology
41.0399 Physical science technologies, other
41.9999 Science technologies, other

42.0000 PSYCHOLOGY
42.0101 Psychology, general
42.0201 Clinical psychology
42.0301 Cognitive psychology
42.0401 Community psychology
42.0501 Comparative psychology
42.0601 Counseling psychology
42.0701 Developmental psychology
42.0801 Experimental psychology
42.0901 Industrial and organizational psychology
42.1001 Personality psychology
42.1101 Physiological psychology
42.1201 Psycholinguistics
42.1301 Psychometrics
42.1401 Psychopharmacology
42.1501 Quantitative psychology
42.1601 Social psychology
42.9999 Psychology, other

43.0000 PROTECTIVE SERVICES
43.0101 Correctional administration
43.0102 Corrections
43.0103 Criminal justice administration
43.0104 Criminal justice studies
43.0105 Criminal justice technology
43.0106 Forensic studies
43.0107 Law enforcement
43.0108 Law enforcement administration
43.0109 Security services
43.0199 Criminal justice, other
43.0201 Fire control and safety technology
43.0202 Fire protection administration
43.0203 Firefighting
43.0299 Fire protection, other
43.9999 Protective services, other

44.0000 PUBLIC AFFAIRS
44.0101 Public affairs, general
44.0201 Community services
44.0301 International public service
44.0401 Public administration
44.0501 Public policy studies
44.0601 Public sanitation
44.0602 Public transportation
44.0603 Public utilities
44.0699 Public works, other
44.0701 Social work, general
44.0702 Medical social work
44.0799 Social work, other
44.9999 Public affairs, other

45.0000 SOCIAL SCIENCES
45.0101 Social sciences, general
45.0201 Anthropology
45.0301 Archeology
45.0302 Archeological Technology
45.0401 Criminology
45.0501 Demography
45.0601 Economics
45.0701 Geography
45.0801 History
45.0901 International relations
45.1001 Political science and government
45.1101 Sociology
45.1201 Urban studies
45.9999 Social sciences, other

46.0000 CONSTRUCTION TRADES
46.0101 Brickmasonry, stonemasonry, and tile setting, general
46.0102 Brick, block, and stonemasonry
46.0103 Tile setting
46.0199 Brickmasonry, stonemasonry, and tile setting, other
46.0201 Carpentry
46.0301 Electrical and power transmission installation, general
46.0302 Electrician
46.0303 Lineworker
46.0399 Electrical and power transmission installation, other
46.0401 Building and Property maintenance
46.0402 Concrete placing and finishing
46.0403 Construction inspection
46.0404 Drywall installation
46.0405 Floor covering installation
46.0406 Glazing
46.0407 Insulation installation
46.0408 Painting and decorating
46.0409 Plastering
46.0410 Roofing
46.0411 Terrazzo installation
46.0499 Miscellaneous construction trades and Property Maintenance, other
46.0501 Plumbing, pipefitting, and steamfitting, general
46.0502 Pipefitting and steamfitting
46.0503 Plumbing
46.0599 Plumbing, pipefitting, and steamfitting, other
46.0606 Small Engine Repair
46.9999 Construction trades, other

47.0000 MECHANICS AND REPAIRS
47.0101 Electrical and electronics equipment repair, general
47.0102 Business machine repair
47.0103 Communication electronics
47.0104 Computer electronics
47.0105 Industrial electronics
47.0106 Major appliance repair
47.0107 Motor repair
47.0108 Small appliance repair
47.0109 Vending and recreational machine repair
47.0199 Electrical and electronics equipment repair, other
47.0201 Heating, air conditioning, and refrigeration mechanics, general
47.0202 Cooling and refrigeration
47.0203 Heating and air conditioning
47.0299 Heating, air conditioning, and refrigeration mechanics, other
47.0301 Industrial equipment maintenance and repair, general
47.0302 Heavy equipment maintenance and repair
47.0303 Industrial machinery maintenance and repair
47.0304 Mine equipment maintenance and repair
47.0305 Oil and gas drilling equipment operation and maintenance
47.0399 Industrial equipment maintenance and repair, other
47.0401 Electromechanical, hydraulic, and pneumatic instrument repair
47.0402 Gunsmithing
47.0403 Locksmithing and safe repair
47.0404 Musical instrument repair
47.0405 Operation, maintenance, and repair of audio-visual equipment
47.0407 Sporting goods equipment repair
47.0408 Watch repair
47.0499 Miscellaneous mechanics and repairers, other
47.0501 Stationary energy sources, general

47.0502 Conventional electric power generation
47.0503 Industrial nuclear energy
47.0504 Pumping plants
47.0599 Stationary energy sources, other
47.0601 Vehicle and mobile equipment mechanics and repairers, general
47.0602 Aircraft mechanics
47.0603 Automotive body repairs
47.0604 Automotive mechanics
47.0605 Diesel engine mechanics
47.0607 Aircraft Mechanics, Airframe
47.0608 Aircraft Mechanics, Powerplant
47.0699 Vehicle and mobile equipment mechanics and repairers, other
47.9999 Mechanics and repairers, other

48.0000 PRECISION PRODUCTION
48.0101 Drafting, general
48.0102 Architectural drafting
48.0103 Civil/structural drafting
48.0104 Electrical/electronics drafting
48.0105 Mechanical drafting
48.0199 Drafting, other
48.0201 Graphic and printing communications, general
48.0202 Bookbinding
48.0203 Commercial art
48.0204 Commercial photography
48.0205 Typesetting, Make-up and Composition
48.0206 Lithography, photography, and platemaking
48.0207 Photographic laboratory and darkroom
48.0208 Printing press operations
48.0209 Silk screen making and printing
48.0210 Photoengraving
48.0299 Graphic and printing communications, other
48.0301 Leathermaking and upholstering, general
48.0302 Saddlemaking and repair
48.0303 Upholstering
48.0304 Shoe and Boot Repair
48.0399 Leatherworking and upholstering, other
48.0401 Precision food production, general
48.0402 Meatcutting
48.0403 Slaughtering and butchering
48.0499 Precision food production, other
48.0501 Precision metal work, general
48.0502 Foundary work
48.0503 Machine tool operation/machine shop
48.0504 Metal fabrication
48.0505 Metal patternmaking
48.0506 Sheet metal
48.0507 Tool and die making
48.0508 Welding
48.0599 Precision metal work, other
48.0601 Industrial ceramics manufacturing
48.0602 Jewelry design, fabrication, and repair
48.0603 Optical goods work
48.0604 Plastics
48.0699 Precision work, assorted materials, other
48.0701 Woodworking, general
48.0702 Furniture making
48.0703 Millwork and cabinet making
48.0799 Woodworking, other
48.9999 Precision products, other

49.0000 TRANSPORTATION AND MATERIAL MOVING
49.0101 Air transportation, general
49.0102 Airplane piloting and navigation (Commercial)
49.0103 Aviation computer technology
49.0104 Aviation management
49.0105 Air traffic control
49.0106 Flight attendants
49.0107 Airplane Piloting (Private)
49.0199 Air transportation, other
49.0201 Vehicle and equipment operation, general
49.0202 Construction equipment operation
49.0203 Material handling
49.0204 Mining equipment operation
49.0205 Truck and bus driving
49.0299 Vehicle and equipment operation, other
49.0301 Water transportation, general
49.0302 Barge and boat operations
49.0303 Commercial fishing operations
49.0304 Deep water diving and life support systems
49.0305 Marina operations
49.0306 Marine maintenance
49.0307 Merchant Marine officers
49.0308 Sailors and deckhands
49.0399 Water transportation, other
49.9999 Transportation and material moving, other

50.0000 VISUAL AND PERFORMING ARTS
50.0101 Visual and performing arts, general
50.0201 Crafts, general
50.0202 Ceramics
50.0203 Enameling
50.0204 Fiber/textiles/weaving
50.0205 Glass
50.0206 Metal/jewelry
50.0299 Crafts, other
50.0301 Dance
50.0401 Design, general
50.0402 Graphic design
50.0403 Illustration design
50.0404 Industrial design
50.0405 Theater design
50.0499 Design, other
50.0501 Dramatic arts
50.0601 Film arts, general
50.0602 Cinematography/film
50.0603 Film animation
50.0604 Holography
50.0605 Photography
50.0606 Video
50.0699 Film arts, other
50.0701 Film arts, general
50.0702 Art conservation
50.0703 Art history and appreciation
50.0704 Arts management
50.0705 Drawing
50.0706 Intermedia
50.0707 Kinetics
50.0708 Painting
50.0709 Sculpture
50.0710 Printmaking
50.0799 Fine arts, other
50.0801 Graphic arts technology
50.0901 Music, general
50.0902 Music history and appreciation
50.0903 Music performance
50.0904 Music theory and composition
50.0999 Music, other
50.9999 Visual and performing arts, other

60.0101 INTENSIVE ENGLISH LANGUAGE

90.0101 UNDECLARED

D.2 COUNTRIES BY WORLD REGION AND SUBREGION

1000 AFRICA

1100 Eastern Africa
1115 Burundi
1120 Comoros
1105 Djibouti
1125 Ethiopia
1130 Kenya
1135 Madagascar
1140 Malawi
1145 Mauritius
1150 Mozambique
1155 Réunion
1165 Rwanda
1170 Seychelles
1175 Somalia
1180 Tanzania
1185 Uganda
1190 Zambia
1160 Zimbabwe

1200 Central Africa
1210 Angola
1220 Cameroon
1230 Central African Republic
1240 Chad
1250 Congo
1260 Equatorial Guinea
1270 Gabon
1280 Sao Tomé & Principe
1290 Zaire

1300 North Africa
1310 Algeria
1320 Canary Islands
1330 Egypt
1340 Libya
1350 Morocco
1370 Sudan
1380 Tunisia
1360 Western Sahara

1400 Southern Africa
1410 Botswana
1420 Lesotho
1430 Namibia
1440 South Africa
1450 Swaziland

1500 West Africa
1510 Benin
1585 Burkina Faso
1505 Cape Verde
1515 Gambia
1520 Ghana
1525 Guinea
1530 Guinea-Bissau
1535 Ivory Coast
1540 Liberia
1545 Mali
1550 Mauritania
1555 Niger
1560 Nigeria
1565 St. Helena
1570 Senegal
1575 Sierra Leone
1580 Togo

2000 ASIA

2100 East Asia
2110 People's Republic of China
2120 Taiwan
2130 Hong Kong
2140 Japan
2150 Korea, Democratic People's Republic of
2160 Korea, Republic of
2170 Macao
2180 Mongolia

2200 South and Central Asia
2205 Afghanistan
2210 Bangladesh
2215 Bhutan
2220 India
2225 Maldives, Republic of
2230 Nepal
2235 Pakistan
2245 Sri Lanka

2300 Southeast Asia
2305 Brunei
2320 Cambodia
2315 Indonesia
2325 Laos
2330 Malaysia
2310 Myanmar
2335 Philippines
2345 Singapore
2350 Thailand
2360 Vietnam

3000 EUROPE

3100 Eastern Europe
3110 Albania
3120 Bulgaria
3130 Czechoslovakia
3150 Hungary
3160 Poland
3170 Romania
3180 U.S.S.R.
3190 Yugoslavia

3200 Western Europe
3203 Andorra
3206 Austria
3210 Belgium
3213 Denmark
3220 Finland
3223 France
3226 Germany
3233 Gibraltar
3236 Greece
3243 Iceland
3246 Ireland
3250 Italy
3253 Liechtenstein
3256 Luxembourg
3260 Malta
3263 Monaco
3266 Netherlands
3270 Norway
3273 Portugal
3276 San Marino
3280 Spain
3283 Sweden
3286 Switzerland
3290 United Kingdom
3240 Vatican City

4000 LATIN AMERICA

4100 Caribbean
4103 Aruba
4105 Bahamas
4110 Barbados
4115 Cayman Islands
4120 Cuba
4125 Dominican Republic
4130 Guadeloupe
4135 Haiti
4140 Jamaica
4150 Leeward Islands
4155 Anguilla
4151 Antigua
4152 British Virgin Islands
4153 Montserrat
4154 St. Kitts-Nevis
4160 Martinique
4170 Netherlands Antilles
4180 Trinidad & Tobago
4185 Turks & Caicos Islands
4190 Windward Islands
4191 Dominica
4192 Grenada
4193 St. Lucia
4194 St. Vincent

4200 Central America
4210 Belize
4230 Costa Rica
4240 El Salvador
4250 Guatemala
4260 Honduras
4270 Mexico
4280 Nicaragua
4290 Panama

4300 South America
4305 Argentina
4310 Bolivia
4315 Brazil
4320 Chile
4325 Colombia
4330 Ecuador
4335 Falkland Islands
4340 French Guiana
4345 Guyana
4350 Paraguay
4355 Peru
4360 Suriname
4365 Uruguay
4370 Venezuela

2400 MIDDLE EAST

2405 Bahrain
2410 Cyprus
2415 Iran
2420 Iraq
2425 Israel
2430 Jordan
2435 Kuwait
2440 Lebanon
2445 Oman
2450 Qatar
2455 Saudi Arabia
2460 Syria
2465 Turkey
2470 United Arab Emirates
2485 Yemen

5000 NORTH AMERICA

5110 Bermuda
5120 Canada

6000 OCEANIA

6100 Australia & New Zealand
6110 Australia
6120 New Zealand

6200 Pacific Ocean Island Areas
6210 Cook Islands
6215 Fiji
6220 French Polynesia
6225 Kiribati
6227 Marshall Islands
6230 Nauru
6235 New Caledonia
6250 Niue
6255 Norfolk Island
6260 Pacific Islands, Trust Territory of the
6263 Palau
6240 Papua New Guinea
6205 Solomon Islands
6270 Tonga
6271 Tuvalu
6245 Vanuatu
6275 Wallis & Futuna Islands
6280 Western Samoa

D.3 STATES WITHIN U.S. REGIONS

NORTHEAST
Connecticut
Maine
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

SOUTH
Alabama
Arkansas
Delaware
District of Columbia
Florida
Georgia
Kentucky
Louisiana
Maryland
Mississippi
North Carolina
South Carolina
Tennessee
Virginia
West Virginia

SOUTHWEST
Arizona
New Mexico
Oklahoma
Texas

MIDWEST
Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

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